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<220>
<221> SITE
<222> (961)
<223> n equals a,t,g, or c
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<220>
<221> SITE
<222> (963)
<223> n equals a,t,g, or c
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<210> 846
<211> 990
<212> DNA
<213> Homo sapiens
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<210> 847
<211> 968
<212> DNA
<213> Homo sapiens
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<210> 850

<211> 1643

<212> DNA

<213> Homo sapiens

<400> 850

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<210> 851

<211> 2298

<212> DNA

<213> Homo sapiens

<400> 851

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<210> 852

<211> 1952

<212> DNA

<213> Homo sapiens

<400> 852

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<210> 853
 <211> 1076
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> SITE
 <222> (35)
 <223> n equals a,t,g, or c

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 <211> 561
 <212> DNA
 <213> Homo sapiens

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<210> 855
 <211> 1629
 <212> DNA
 <213> Homo sapiens

<400> 855						
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<211> 1018
<212> DNA
<213> Homo sapiens
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<212> DNA
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<211> 3145

<212> DNA

<213> Homo sapiens

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<211> 3145

<212> DNA

<213> Homo sapiens

<400> 861

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<211> 3195

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens
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<222> (614)
<223> n equals a,t,g, or c
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<223> n equals a,t,g, or c
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n equals a,t,g, or c

<220>
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 <223> n equals a,t,g, or c

<220>
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 <222> (1567)
 <223> n equals a,t,g, or c

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<210> 871
 <211> 1332
 <212> DNA
 <213> Homo sapiens

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<210> 872
 <211> 1978
 <212> DNA
 <213> Homo sapiens

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<210> 873
<211> 626
<212> DNA
<213> Homo sapiens
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<222> (617)
<223> n equals a,t,g, or c
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<220>
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<222> (618)
<223> n equals a,t,g, or c
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<212>	DNA

<213> Homo sapiens

<220>

<400> 874

<210> 875

<400> 875

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 <212> DNA
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<210> 879
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 879

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<210> 884

<211> 1648

<212> DNA

<213> Homo sapiens

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Figure 1. The 1000 most abundant taxa in the 1000 most abundant taxa list. The taxa are listed in descending order of abundance. The taxa are grouped into 10 categories: Bacteria, Eukarya, Archaea, Fungi, Plantae, Animalia, Protista, Viridiplantae, Chromista, and Eukaryota. The taxa are listed in descending order of abundance. The taxa are grouped into 10 categories: Bacteria, Eukarya, Archaea, Fungi, Plantae, Animalia, Protista, Viridiplantae, Chromista, and Eukaryota.

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[illegible]

Figure 1 shows the results of the first two steps of the analysis. The first step was to identify the most common words used in the text. The second step was to identify the most common words used in the text.

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 <223> n equals a,t,g, or c

<400> 892						
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<210> 893
 <211> 672
 <212> DNA
 <213> Homo sapiens

<400> 893						
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aaaagttttt	ttaaagtggg	ggaaaaacat	ccaagcactt	taattccaat	gtaccagggtg	540
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<210> 894
 <211> 1947
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1947)
 <223> n equals a,t,g, or c

<400> 894						
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aaaaaaaaaa	agg					2053

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<210> 900
<211> 396
<212> DNA
<213> Homo sapiens
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<400>	900						
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<210> 901
<211> 916
<212> DNA
<213> Homo sapiens
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<400>	901						
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taaaaaaaaaa aaaaaa 916

<210> 902
<211> 1860
<212> DNA
<213> Homo sapiens

<400> 902
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<210> 903
<211> 1490
<212> DNA
<213> Homo sapiens

<400> 903
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<210> 904
<211> 783
<212> DNA
<213> Homo sapiens
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<210> 905
<211> 1900
<212> DNA
<213> Homo sapiens
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<210> 906
 <211> 1900
 <212> DNA
 <213> Homo sapiens

<400> 906						
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 <212> DNA
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2234

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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<222> (525)
<223> n equals a,t,g, or c

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <211> 1164
 <212> DNA

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γ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
δ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ϵ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ζ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
η	deg	10.0	deg	10.0	deg	10.0	deg	10.0
θ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ϕ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
χ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ψ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ω	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ν	deg	10.0	deg	10.0	deg	10.0	deg	10.0
μ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
λ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
κ	deg	10.0	deg	10.0	deg	10.0	deg	10.0
ι	deg	10.0	deg	10.0	deg	10.0	deg	10.0
\hbar	deg	10.0	deg	10.0	deg	10.0	deg	10.0
g	deg	10.0	deg	10.0	deg	10.0	deg	10.0
f	deg	10.0	deg	10.0	deg	10.0	deg	10.0
e	deg	10.0	deg	10.0	deg	10.0	deg	10.0
d	deg	10.0	deg	10.0	deg	10.0	deg	10.0
c	deg	10.0	deg	10.0	deg	10.0	deg	10.0
b	deg	10.0	deg	10.0	deg	10.0	deg	10.0
a	deg	10.0	deg	10.0	deg	10.0	deg	10.0
z	deg	10.0	deg	10.0	deg	10.0	deg	10.0
y	deg	10.0	deg	10.0	deg	10.0	deg	10.0
x	deg	10.0	deg	10.0	deg	10.0	deg	10.0
w	deg	10.0	deg	10.0	deg	10.0	deg	10.0
v	deg	10.0	deg	10.0	deg	10.0	deg	10.0
u	deg	10.0	deg	10.0	deg	10.0	deg	10.0
t	deg	10.0	deg	10.0	deg	10.0	deg	10.0
s	deg	10.0	deg	10.0	deg	10.0	deg	10.0
r	deg	10.0	deg	10.0	deg	10.0	deg	10.0
q	deg	10.0	deg	10.0	deg	10.0	deg	10.0
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m	deg	10.0	deg	10.0	deg	10.0	deg	10.0
l	deg	10.0	deg	10.0	deg	10.0	deg	10.0
k	deg	10.0	deg	10.0	deg	10.0	deg	10.0
j	deg	10.0	deg	10.0	deg	10.0	deg	10.0
i	deg	10.0	deg	10.0	deg	10.0	deg	10.0
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g	deg	10.0	deg	10.0	deg	10.0	deg	10.0
f	deg	10.0	deg	10.0	deg	10.0	deg	10.0
e	deg	10.0	deg	10.0	deg	10.0	deg	

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<213> Home

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546

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tttctgacct	ttgaatttaa	tcattgttct	tagattaaaa	taaaatatgc	tattgaaact		1380
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A							1441

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[illegible]

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<222> (476)
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<222> (490)
<223> n equals a,t,g, or c
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<221> SITE
<222> (1036)
<223> n equals a,t,g, or c
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<222> (1040)  
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550

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<212> DNA
<213> Homo sapiens
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[illegible]

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<212> DNA
<213> Homo sapiens
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<223> n equals a,t,g, or c
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<223> n equals a,t,g, or c
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<211> 837
<212> DNA
<213> Homo sapiens
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 <212> DNA
 <213> Homo sapiens

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 <211> 1295
 <212> DNA
 <213> Homo sapiens

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<211> 2163

<212> DNA

<213> Homo sapiens

<400> 946

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<210> 950
<211> 1581
<212> DNA
<213> Homo sapiens

<400> 950
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<210> 951
<211> 1263
<212> DNA
<213> Homo sapiens

<400> 951
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<210> 952
<211> 1347
<212> DNA
<213> Homo sapiens

<400> 952
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<210> 953
<211> 1277
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (150)
<223> n equals a,t,g, or c

<400> 953
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tttgaaactc ttggattaaa tgactcttca gagctttctt tgctttttga tactaaggag 300
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<210> 956
 <211> 498
 <212> DNA
 <213> Homo sapiens

<400> 956						
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<210> 957
 <211> 502
 <212> DNA
 <213> Homo sapiens

<400> 957						
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atatgggcat	tgatttagtt	aatttggcaa	gtcttcacaa	gtattatctt	ttaaagtaag	420
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<210> 958
 <211> 1099
 <212> DNA
 <213> Homo sapiens

<400> 958						
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<210> 959
 <211> 1757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (10)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1293)
 <223> n equals a,t,g, or c

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<210> 960
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<400> 960

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<210> 961

<211> 1237

<212> DNA

<213> Homo sapiens

<400> 961

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<210> 962

<211> 1127

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<221> SITE
<222> (1176)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1181)
<223> n equals a,t,g, or c

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<211> 1558
<212> DNA
<213> Homo sapiens

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<210> 972
 <211> 1298
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1265)
 <223> n equals a,t,g, or c

<220>
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 <222> (1292)
 <223> n equals a,t,g, or c

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 975
 <211> 1953
 <212> DNA
 <213> Homo sapiens

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<210> 976
 <211> 1632
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<210> 978
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 <212> DNA
 <213> Homo sapiens

<400> 978
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 <212> DNA
 <213> Homo sapiens

<400> 982						
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 <212> DNA
 <213> Homo sapiens

<400> 983						
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<211> 1877

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> n equals a,t,g, or c

<400> 989

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 <212> DNA
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

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 <212> DNA
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<400> 993

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 <211> 1848
 <212> DNA
 <213> Homo sapiens

<400> 994

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 <212> DNA
 <213> Homo sapiens

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<210> 996
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 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (365)
 <223> n equals a,t,g, or c

<400> 996						
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<210> 1001
 <211> 1854
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1851)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1852)
 <223> n equals a,t,g, or c

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<210> 1004
 <211> 2310
 <212> DNA
 <213> Homo sapiens

<400> 1004

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<210> 1005
 <211> 774
 <212> DNA
 <213> Homo sapiens

<400> 1005

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458

<210> 1014
<211> 1537
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (1424)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1426)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1433)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1440)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1476)
<223> n equals a,t,g, or c

<400> 1014
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<210> 1015

<211> 519
 <212> DNA
 <213> Homo sapiens

<400> 1015
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<210> 1016
 <211> 1734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (191)
 <223> n equals a,t,g, or c

<400> 1016
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<210> 1017
 <211> 1908
 <212> DNA
 <213> Homo sapiens

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<210> 1019
 <211> 1030
 <212> DNA
 <213> Homo sapiens

<400> 1019						
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<210> 1020
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<400> 1020						
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aaaacaaaaa	aggctggggg	gtcaggcacg	gtggctcatg	ccttgtaatc	ccaacaactt	420
tgggaggccg	aggcaggtgg	atcacctgag	gtcaggagtt	tgaaaccagc	ctggccaacg	480
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gagagatcac	gccattgcac	cccagactgg	acaacagagc	aagactccat	ctcaaaaaaa	660
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atcagccaag	cgtgggtgcca	ggcctgtagt	cccagctgtg	ggggaggctc	aggccggaga	960
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<210> 1021
 <211> 1749
 <212> DNA
 <213> Homo sapiens

<400> 1021						
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ccagaaggga	atagaatcct	gggggatgac	catctgtggc	tgctctctgc	tggaactgtcc	900
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<210> 1022
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 1022						
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<210> 1023
 <211> 1985
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (310)
 <223> n equals a,t,g, or c

<400> 1023						
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tgagttacag	aactctggct	actgttctgc	tcatctccca	gccccgtgaa	ttttcatctc	180
tctcttcccc	cagtttattt	atggagattc	ttagttcctg	ttcagattgt	gatgagatcc	240
aattcatgga	agatggatcc	tggtgccccaa	tgaaacccaa	gaaggaggca	tctgaggttt	300
gccccccgcn	agtactgggc	tggatggcct	ccagtacagc	ccagtccagg	ggggagatcc	360
atcagagaat	aagaagaagg	tcgaagttat	tgacttgaca	atagaaagct	catcagatga	420
ggaggatctg	ccccctacca	agaagcactg	ttctgtcacc	tcagctgcca	tcccggccct	480
acctggaagc	aaaggagtcc	tgacatctgg	ccaccagcca	tcctcggtgc	taaggagccc	540
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<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (393)
<223> n equals a,t,g, or c

<400> 1025
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 tggagaatga catttgctctg taaatggctt cttggctctg aaatggcgtg gtttcttttt 240
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 gacttttctt ccaggtggga agagataaaa agacattaat tagttgttta tcaagtgaac 360
 tttagttggt tggttttggg ttttcttttt ttnattgcga tttttcctct gattaaaaaa 420
 ataataataa aataaaaaaa ggtaactat aaggagatgg cctttcctcc ttttttttct 480
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 aattaaaaat ggaagttttc cacttctctg ataatttggc tatctgaata aatttgtgaa 600
 tttgctaggt taagacctag ttcgtggctc catttcaaca aaacagcttg agtataaaga 660
 aaataataaaa aggctgttct tatttatttt cctttgggtg cttttgggtt gctctttttg 720
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 ggttcccaag cgatgggcca ggactgttgg cttaaagggtg tttccaagtg cgattttggg 2040
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 cctgggggtt ttccggggcc ccctaaccct tatggggacc ccccggtggc cgtggtgcgg 2160
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 caccggaag ggtacggg 2238

<210> 1026
<211> 1126
<212> DNA
<213> Homo sapiens

<400> 1026
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 gcctcctgtg aatttaaaaa tagattaaaa tactccctgg tactcagatg tgttcccact 180
 agctaattcc agcattgggtc aacatggatc ttgtttgaag ctaaccagat ttaaatatct 240
 cttttgcaaa acagattttt agagctatgc cttgctaaag attcttccaa atagtaattc 300
 ctctggcac agtagctaac cactgcccag gtctctagge tcatctctct ctgtacactc 360
 cacattcact cttccttcca ttagcactac ttgcagttcc ccaaacatgg catgcctcta 420

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<210> 1034
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (9)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (15)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (20)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (63)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (87)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (105)
 <223> n equals a,t,g, or c

<400> 1034

<222> (1694)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1696)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1709)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1716)
<223> n equals a,t,g, or c

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tatacactgt aatcttgagt ctaaaattat atgttgaaat gctacctttt ttaaaataag 1620
aaactaaata aaattatttt actatcaaaa aaaaaaaaaa aaaacccgac gggngnaccn 1680
cntnccaac acgncaaaaa cgtacgccna cacagnngga acc 1723

<210> 1037
<211> 1054
<212> DNA
<213> Homo sapiens

<400> 1037
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aaaggaagtg tgtcaaagaa ggtggagggt tagaaggtag catctgagta aaattagctg 180
aatttcctcg acttccatat tcttccatta tttctcttat cccctgccag tcaacttagc 240
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agacctccaa	ccctgacaca	gaaccgctcc	tcaaggagga	tacagaaaag	caaaagggaa	1080
aacaagccat	gcctgaaaaa	catgaaagt	aaatgtctca	agtgaagcaa	aaaagcaaaa	1140
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catatactcc	ccctttggaa	agtaagcaac	gtagaaatct	cccaagcaag	attcctcttc	1260
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<210> 1042
 <211> 1302
 <212> DNA
 <213> Homo sapiens

<400> 1042						
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 <211> 1590
 <212> DNA
 <213> Homo sapiens

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 <222> (1)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (981)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1083)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1124)
 <223> n equals a,t,g, or c

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<400> 1047

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<210> 1048

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (833)

<223> n equals a,t,g, or c

<400> 1048

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cttagataaa	tttactgaac	ttaatgtaga	atatgttttt	tgtttcgttt	tgtttttgag	960
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<210> 1049
 <211> 1279
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1188)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1224)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1278)
 <223> n equals a,t,g, or c

<400> 1049						
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<210> 1054
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 1054
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 gctactttgt attttatgca tgctctgtaa tttgattttt ttttagttat tgatttggat 480
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<210> 1055
 <211> 1141
 <212> DNA
 <213> Homo sapiens

<400> 1055
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<210> 1056
 <211> 656
 <212> DNA
 <213> Homo sapiens

<400> 1056
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<210> 1060
 <211> 442
 <212> DNA
 <213> Homo sapiens

<400> 1060						
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<210> 1061
 <211> 542
 <212> DNA
 <213> Homo sapiens

<400> 1061						
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gcacataata	gaatttatga	gcatttttcag	tgttttgatt	tttttcccca	gtcactgtta	180
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caacatctat	gctgtgtggc	tattaccctt	aaacataaag	acacagaaat	ggttggagta	360
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aaaagtctct	cagttaccca	gggcaccttg	gagagagtga	gggaacagtt	ctgttcagtg	480
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<210> 1062
 <211> 1060
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1060)
 <223> n equals a,t,g, or c

<400> 1062						
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gaagactttg	aggaatgaga	gacaaatgag	gtagagctca	cctgtgctca	ccagctccgt	180
caggtggtca	gccgaccctt	ttccctggga	acccacttcc	tcctctgtgg	tggcttggtt	240
gtcgggggtg	agatgccata	ttgattacag	ggcagcaaag	aaccagtacc	aggaatttac	300
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gattagttag	aacttcagat	catcagatca	gtctcaaagt	ggtttcttgg	aattttatat	540
ttgacaatat	ttatactata	ccaaactcat	ttgcagttct	taggtttgtt	ggttaaaaca	600
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ccagcatcaa	cccctatggc	atgcattccc	agtggccttc	tcactctggg	ctggaacctt	720
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aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaacn			1060

<210> 1063
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1039)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1052)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1063)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1076)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1175)
 <223> n equals a,t,g, or c

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cacaccaaca	taccacatac acacatacac acacacacac 1240

<210> 1064
 <211> 826
 <212> DNA

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ctcaaaagca	aaaaaaaaaa	aaaaaaaaact	cgag			814

<210> 1068
 <211> 1303
 <212> DNA
 <213> Homo sapiens

<400> 1068						
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gtacctcact	tccattttct	gtacatcatt	ttccttttta	tgtccataaa	tcttgtctat	240
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<210> 1069
 <211> 1522
 <212> DNA
 <213> Homo sapiens

<400> 1069						
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ttttttggaa	accatttcta	gataaatata	taatctattc	ttacttgcct	ctgttgagac	360
catataaaaac	aacaaagcac	aacaaaaaact	gtgcatttgc	tttctttttt	tttttttctt	420
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<210> 1070
 <211> 1572
 <212> DNA
 <213> Homo sapiens

<400> 1070						
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aaaaaaaaaa	aa					1572

<210> 1071
 <211> 1631
 <212> DNA
 <213> Homo sapiens

<400> 1071						
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<221> SITE
<222> (428)
<223> n equals a,t,g, or c

<400> 1073

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<210> 1074
<211> 1003
<212> DNA
<213> Homo sapiens

<400> 1074

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<210> 1075
 <211> 1832
 <212> DNA
 <213> Homo sapiens

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2608

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<210> 1086
 <211> 1250
 <212> DNA
 <213> Homo sapiens

<400> 1086						
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agttcttcat	ccagtaggtg	tttaacagtg	ttattttgcc	actggtaatg	tgtaactgt	1200
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<210> 1087

<211> 2107

<212> DNA

<213> Homo sapiens

<400> 1087

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<210> 1088

<211> 1174

<212> DNA

<213> Homo sapiens

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aaatcagaac	tggatgcaaa	tcttgatgtt	atccgagaac	aggcacctgt	tacataggct	900
gtgttactgt	ggcaaaggta	atggtaaaac	acagactggc	cagaagcatt	gtgtacaatg	960
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aacaacttag	ctgggcataa	tggcatgtgc	ctgtagtccc	agctactcaa	gaggtggaga	1260
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tcttgccag	acttcaccta	tctaacaata	tgctagtaac	tatttggtga	catgtcttaa	1500
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<210> 1093

<211> 1085

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (506)

<223> n equals a,t,g, or c

<400> 1093

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tggcgctgac	ttcgtgttcg	gggaggactt	ccagccctgg	ctgattgaga	tcaacgccag	180
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gctcatctat	aagcagcctg	ctgtggagggt	gcctcaatat	gtgggcatcc	ggctcctggt	360
agagggtctt	accatcaaga	agcccatggc	gatgtgtcat	cggcggatgg	gggtccgccc	420
agcagtcctc	ctgctgacct	agcgaggctc	tggggaagcc	gaggatcagg	aagttaaagg	480
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aaaaa						1085

<210> 1094

<211> 910

<212> DNA

<213> Homo sapiens

<400> 1094

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aggaaagaac	taagtctctc	ctagtctatg	gcatgctatc	atgggggtcaa	gtaggggag	180
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ttttctttta	aactatttac	actgatatga	cagactcaaa	ctcatatttg	ctattctccg	300
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tacgagaagc	gcaaacagta	aacgcttggc	aggagggaac	acttccctctc	tctgaggaag	420
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tgttcagcgt	ggagatggca	actcacgtgg	tgccctaggt	gcagctgcgt	ggtctggtat	900
acatgctgca	aaattcaccc	agttcccttc	attttaattt	ttctaacctt	cagcttaatt	960
ttaataactt	taaaacactt	ctaaatat	attttggcac	cagcgtcaag	acaaataata	1020
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agctaaacct	ttcttatgta	taaagtatgc	ctatcatata	cagggagagg	tgggtaataa	1140
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<210> 1097

<211> 983

<212> DNA

<213> Homo sapiens

<400> 1097

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atactagctt	tggtttctga	ggtattctgc	cctctccctc	ccctcttctc	ccaaaacatc	180
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<210> 1098

<211> 847

<212> DNA

<213> Homo sapiens

<400> 1098

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cgtcagcact	gagaccagac	tcgagcacc	ctgtcctgta	agcgagacaa	aatggcgtgt	120
gttatttttg	ggttttgtgt	tttttggtgg	gtttctttcc	ttggctctcc	agattttactt	180
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gccatattaa	tggaggagg	gaggaagggt	aaatctactg	catgggattc	aggaaacagt	420
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aaaaaaa						847

<211> 1287
 <212> DNA
 <213> Homo sapiens

<400> 1103
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 gcaggaaaat ggacagttag gttcagagag atggaaggat cttggatttg attgatgatg 180
 cttggcgaga agacaagctg ccttatgagg atgtcgcaat accactgaat gagcttcctg 240
 aacctgaaca agacaatggg ggcaccacag aatctgtcaa agaacaagaa atgaagtggg 300
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<210> 1104
 <211> 1290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1279)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1284)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1286)
 <223> n equals a,t,g, or c

<400> 1104
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 gccatgtctg ccatgggtcc agaaatggga aagggaattg ctgtccttgc cctgtggtat 180
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 agtgaccgtc cactgcccc tggagcccat ctggacacag cacagcccca aaaccgttag 660
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<212> DNA
<213> Homo sapiens

<400> 1107
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accgtgagga tgcacagact ggctctgtgg ctgctgggat tatggggggg gatgtgggtcc 180
cacacatcag cgctgctggc gctgggtgaag ctttggaagg ggcgcttggg caaggctggg 240
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aactcgaggg ggggccc 1636

<210> 1108
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (388)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (401)
<223> n equals a,t,g, or c

<400> 1108
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ccaaaccagg agagggaaaa tggaaagagt gggcagaaat ctgacagctc ttaggtttct 180
tctatttgtg ttaatactga gacttttaaa aatcattttt atatgtagt tttattatga 240
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ctaggtataa taaaatgata tttagtggga agacattcat caaagtagaa gtagttaatt 360
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<210> 1109
<211> 1652
<212> DNA
<213> Homo sapiens

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<210> 1113
 <211> 2913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (2288)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (2753)
 <223> n equals a,t,g, or c

<400> 1113						
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ctcttagcca	taatgttttt	atgtccacca	gtcctgcact	tcattgggta	tcattgtacag	420
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agaaagtcca	gccacttcca	atttctacca	ttatccgagg	cccaacactg	ggggcatctg	540
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<210> 1114
 <211> 424
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (409)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (416)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (417)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (421)
 <223> n equals a,t,g, or c

<400> 1114

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ctgtgtatat	agacataaaa	acctacaaat	gtgaaataaa	tctatgctat	ctttcatagt	360
gttaccacaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaang	gggggnnccc	420
ntta						424

<210> 1115
 <211> 1844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1699)
 <223> n equals a,t,g, or c

<400> 1115						
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gctgacctgc	gccagctgca	gggggacctg	aaggagctca	tcgagctcac	cgaggccagc	240
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<210> 1116
 <211> 2124
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (8)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (76)
 <223> n equals a,t,g, or c

<400> 1116
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 actcattagg caccaccaggc tttacacttt atgcttccgg ctcgatgtt gtgtggaatt 240
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 gaccacgcg tccgagttaa tagacacttg aattgttttc ggtttttggc aattaggaat 420
 aaagccactg ttaacattca catataagtc tttgtgtggg tgtgtatttt cttacttctt 480
 ctgtgaatac tcataaatgg gactgctcag ttatatgata aatatatgtt taactttgtg 540
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 aaaaaaaaaa aaaaaaaaaa aaaa 2124

<210> 1117
 <211> 2312
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (239)
 <223> n equals a,t,g, or c

<400> 1117
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<212> DNA
<213> Homo sapiens
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<211> 2732
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<212> DNA
<213> Homo sapiens

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<222> (334)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1885)
<223> n equals a,t,g, or c

<400> 1119

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 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 1120
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<210> 1121
 <211> 2043
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (308)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1672)
 <223> n equals a,t,g, or c

<400> 1121
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<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (56)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (62)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1239)

<223> n equals a,t,g, or c

<400> 1123

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<210> 1124

<211> 1796

<212> DNA

<213> Homo sapiens

<400> 1124

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<210> 1127
<211> 1232
<212> DNA
<213> Homo sapiens

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<221> SITE
<222> (22)
<223> n equals a,t,g, or c

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<220>
<221> SITE
<222> (1227)
<223> n equals a,t,g, or c

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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<210> 1145
 <211> 1020
 <212> DNA
 <213> Homo sapiens

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<210> 1146
 <211> 1076
 <212> DNA

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher for the 10-trial condition than for the 5-trial condition. Error bars represent the standard error of the mean.

```
<210> 1147
<211> 1109
<212> DNA
<213> Homo sapiens
```

```
<210> 1148
<211> 1963
<212> DNA
<213> Homo sapiens
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aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaa		1963

```
<210> 1149
<211> 808
<212> DNA
<213> Homo sapiens
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<221> SITE
<222> (794)
<223> n equals a,t,g, or c
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<212> DNA

<213> Homo sapiens

<400> 1150

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<211> 938

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (28)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (41)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (43)

<223> n equals a,t,g, or c

<220>

<221> SITE

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<223> n equals a,t,g, or c

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<211> 905
<212> DNA
<213> Homo sapiens
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<222> (37)
<223> n equals a,t,g, or c
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<220>
<221> SITE
<222> (1477)
<223> n equals a,t,g, or c
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 <211> 1899
 <212> DNA
 <213> Homo sapiens

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 <211> 1442
 <212> DNA
 <213> Homo sapiens

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<210> 1164
 <211> 1228
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<210> 1166
 <211> 1577
 <212> DNA
 <213> Homo sapiens

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 <211> 2110
 <212> DNA
 <213> Homo sapiens

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<210> 1173

<212> DNA

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ccatatagca	tattttttat	aggaatatatt	tcatgtccct	taaatatctt	gttagttata			360
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<212> DNA

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ggtttcccat	ggagtgatat	aatggggcgc	cctactagga	agtgcagtgt	tcagtggctt		180
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<210> 1175
<211> 779
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (652)
<223> n equals a,t,g, or c
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<210> 1176
<211> 1332
<212> DNA
<213> Homo sapiens
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cataatgctc	cagaattttct	aattgccaaa	atgcccttta	aatacttggt	catggggtttt		180
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aaagagtctg	aagcagatga	ctgattttac	atttttcttg	gaaattcaag	cagttcattg		300
aagattatct	ttttggcatta	agaaaaatga	atcaaggctc	ggcgtggttg	ctcacgcctg		360
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<212> DNA
<213> Homo sapiens

<400> 1178
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<210> 1179
<211> 1907
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (24)
<223> n equals a,t,g, or c

<400> 1179
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<210> 1180

<211> 1639

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1623)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1624)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1625)

<223> n equals a,t,g, or c

<400> 1180

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<211> 1103
<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <211> 477
 <212> DNA
 <213> Homo sapiens

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<210> 1202
 <211> 687
 <212> DNA
 <213> Homo sapiens

<400> 1202						
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<210> 1203

<211> 1877
<212> DNA
<213> Homo sapiens

<400> 1203

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<210> 1204
<211> 782
<212> DNA
<213> Homo sapiens

<400> 1204

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<210> 1205
<211> 1003

<213> Homo sapiens

<400> 1207

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<210> 1208

<211> 1601

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> n equals a,t,g, or c

<400> 1208

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<210> 1209
 <211> 766
 <212> DNA
 <213> Homo sapiens

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<210> 1210
 <211> 3237
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (6)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (32)
 <223> n equals a,t,g, or c

<220>
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 <222> (3237)
 <223> n equals a,t,g, or c

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<210> 1211

<211> 2070

<212> DNA

<213> Homo sapiens

<400> 1211

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ttccacaata	atgccattaa	aatcggttct	ttgattaaat	ccaattaaca	gatgtggaaa	1320
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cattttgcac	atagggtata	agcaacagat	aatttctgta	atcttttagaa	tatcgattaa	1560
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ggacctcgga	ggtgaaactg	agagaaagac	aaagggactt	caaatcaagc	at ttgaaaga	1980
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<210> 1212
 <211> 1259
 <212> DNA
 <213> Homo sapiens

<400> 1212	tttttttttt	tttttttttt	tttaaagtta	taaaaatatt	ttattttaa	gatacagaaa	60
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gtacataatg	ataaaatcta	aagtgatgag	aaaacataaa	atattttcat	ttggctcctgt		180
cacctaaaca	aactatcata	aatatgagat	tatagtaatt	actaaagctg	gttaaaggca		240
catgacaaca	taattccttt	atacacatcc	agtcatttta	tacaaggaa	tgctatccct		300
taaatggaag	agtgaactac	ttgttttaaa	tattaacagt	gcactatgta	cctacaatga		360
aaccactttc	tccaaagact	caaacagatt	aacattgcaa	aatagtactt	ctgtatcact		420
gacttctgaa	aatttttaata	at ttatgcat	atgcaagtga	aatataattt	attctgggtt		480
caaccaacag	ttatacaaa	tcacaatttt	ccccaggaaa	ccattcactt	catagctgca		540
aaaacacact	gtagcttttt	tgttagggtc	tgccatgctt	tcagctagct	ggatgtttta		600
ccattcactt	caaattttaca	tgtccagcca	ggcacgggtg	cgtgggcctg	tagtcccaac		660
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acttgacatc	atattctcca	attccacaat	accattccag	gtagactatg	cagtaaaatg		960
caattgataa	actgacaagc	aacaaggcac	tgccacagag	aaaccagctg	ctagtgtgga		1020
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tccagaatcc	agaatggata	ttaagtcttg	gaagagggtt	ctcctttttc	tcaacagctg		1140
tggaggtttc	cggcccggcg	tcacctcgcg	ggtccagctg	ggcctcggcg	tccggcagga		1200
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<210> 1213
 <211> 1905
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (846)

<223> n equals a,t,g, or c

<400> 1213
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ttacccttga ccctccaaac agagccaaac agaagcttgc acctattcct gtggagctag 120
ccccaactgt gggagtgtct gtggctctgc agagagaagg catagactcc cagtctttaa 180
ttgaattaaa gaccagaaat gaacatgagc cagagcattc aaagaagaaa gttttaaccc 240
ccataaagga gaagacactt actggggcaa aatcaccaac agtgtccctt gttccatctc 300
acaaccagtc acctccaaca aaagatgatg caacagaaag tgaagtggaa agtttacagt 360
atgataagga caccaaacca aatccaaaag ccagttcttc tgtacctgct tcaactggccc 420
agctagtac tacattccaa tgcctcagaa gtagcttcag sacagaagat tgctgtacca 480
gcaacatcac atcatttttg cttttcaata gacttaagga gtatacatgc cttggagatt 540
ggttttccaa tcaactgtat attaaaggtac tcatatccat tctttggaag tgcagctcct 600
attatgacta atccycctgt agaagttcgg aaaaacatgg aagtttttct tccccagctc 660
tactgtgcat ttgattttgc aactatgcct catcagstgc aagmcmccct ctttaaggatt 720
ccattactgg ttgaactatg gcmcaaggat waaatgagta aagatttact tctgggaatt 780
gcgagaatcc agctttctam cwtcttgtct tcagaaaaaa ctggtttttt aggttctaata 840
ggtgancagt gttggcgtca aacttacagt gaaagtgtgc ctgttatagc agcacaagga 900
tcaaataamca ggatagcaga tctttcttac acagtgcact tagaagatta tggactagta 960
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gaaaatcagc tgaagcagaa agaactggct catatgcagg ctcttgcaaga ggaatggaag 1200
aaaagggacc gagaaagaga atcactagta aagaaaaagg tggctgaata tactattcta 1260
gaaggaaaaac ttcaaaaaaac tctaattgac ttggagaagc gagagcagca gcttgctagt 1320
gtggaatcag agcttcaaag agaaaaaaag gaactgcaat cagaacgtca gcggaacctg 1380
caagaactgc aggtacttat ccgtaggggc aaagaggact gtattcacca agtagaacta 1440
gaaaggttaa aaatcaaaca gctcgaagrg gataaacacc gccttcagca acagcttaata 1500
gatgctgaaa ataagtataa gattttggaa aaagagttcc aacagttcaa ggaccagcaa 1560
aacaacaaac cagaaatccg tctacagtct gaaataaatc ttctcacctt ggaaaagggt 1620
gaacttgaaa gaaagttgga atctgcaact aagtctaaac tgcattacaa gcagcagtg 1680
ggacgagctt tgaaagaact tgccagactt aaacaggcag ccaaggcaaa ataaagatta 1740
tactcacttg attgaggagc ctttaaccca gagcacctgg cactggagag gacttctttc 1800
actaccctct aacttgtgtg tgtgtgtgtg attattatta atgccctata cttgattaaa 1860
aattcaaagc atttaaagga aaaaaaaaaa aaaaaaaac tcgag 1905

<210> 1214
<211> 1147
<212> DNA
<213> Homo sapiens

<400> 1214
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ctagcttcta gaacaagata accactgctg ctgatggata cttttccctc actgccatgg 180
cacaccagtc atggatcttg taatcatgcc aagagaatag atacattatg gacctcttgt 240
tcttagatat gggcctctca gcctggcaga tgtggaaact caaatttctc gtcccactcc 300
aggttttggc tagccaaccc tgcaggaaag tggtttatag gccattcata ctttaagttga 360
tcaactgccc atgggtggaca tttttgtggt ggtgatgtcc atttaaggaaa ccagattttc 420
aattatttag tgagagaaga gttagagcaa aagacagtgg taaatgtttt attccgtctc 480
catgaggaat tgaaggagtt ggtctccacc tagagataca tttgatttac agcttaagta 540
attcagagga taagctctaa gcttttttct cycattgctg gaatgattta agcagaagtc 600
cttttgkgt cttttaaaat tgkatctttc caggagcccc tcagattgta ccttgctttc 660
tcaccaatag acaccttccc gacacttttt taatgttgta gctgagcact ttaacaagtt 720
gagcattcca tgtttcattc ttagaacctt ctttaataga gggctctccc tcaacagcct 780
gtgcctctgg tctacctttg accaccactg ataactaata tattggtcac aatgactgga 840
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gctctctgaa caacttacct tggtcagagg gactcaggtt tgggacagca caagctgaag 960
gctggagagt aacttgcata gtaggacat accctcttct tttccatccc acccacatat 1020
gatagacagc ccctctgttg agatatggag gggacagata ctggaatcgg ggggtgggact 1080
tgcagttact taaaattttt taataaactg tgccctgaaa ctaaaaaaaaa aaaaaaaaaa 1140

actcgag

1147

<210> 1215
<211> 998
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (358)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (481)
<223> n equals a,t,g, or c

<400> 1215
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tttatgattc tactctttta atttttttta taattacttt atgacttctt cattagggat 180
tctctcctcc agtgcgtacg cagatcttct gaaaaggaat ctgacaaatt tagttgctgc 240
atttttctaa attgctttca agactaccca gcacttcaga tacttttcat ggcccttttt 300
cccaaagtgt tctccaggat gcctttgatc tgcacgggca atcccattag cagtggangg 360
cttaagttcc cacagaaact ctgccacaga ggcactgaca ccagaccagg cgtgatccct 420
aacagcttgc tgtaccgact catatgaggg ctgtcttggc ccgtctcatt taaggtttgg 480
ncttctccaa agwtttagaca ccytgttttc gttcaacctt tgtttggcct tgaagcatca 540
tgcacttggg tcttgaaatc ttgggctcac cgctgcttgt accagtatct tctaccctcc 600
ggttgtttgt ggccattatc aaacaaacac catgccaaact aggtgtaaatt gcagactgat 660
attctgaaga atccaggaag ggctgggcat ggtgcctcat tcctgtaatt ctacgacttt 720
gggaggctga ggcaggagga tcgcttgagc ccaggagcct aagaccagct tagggaacat 780
agtgagaccc ctgtctctac aaaaagtaaa aaataaaata aattggctgg gtatgggtggc 840
acatgcctgt agtcccaccc actcgagagg ctgtgatggg agaatcacc gaggctgggg 900
aggttgaggc cgcagtgagc cgagatcgag tcaactgcact ccagcctgga caacagagtg 960
agaccctgtc tcaaaaaaaaa aaaaaaaaaa aaactcga 998

<210> 1216
<211> 810
<212> DNA
<213> Homo sapiens

<400> 1216
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cgagggtgcg ccgtgtcctt ttgctgtggc accagcggcg acatgacggg gtacactccg 120
gatgagaaaac tgcggctgca gcagctgcga gagctgagaa ggcatggct gaaggaccag 180
gagctgagcc ctccgggagcc ggtgctgccc ccacagaaga tggggcctat ggagaaattc 240
tggaataaat ttttgagaa taaatccctt tggaggaaaa tggaaaaacc atatggcata 300
gttgaaaaga agtccagaat attccctgta agtcttaaca cttctgattt tycttttgtt 360
tattgttttt ctctttcctt ttcctccctt tccaagcaat tattagatta aaatgttctt 420
tccttctcac tttcggttta agtccctgtt ttgtgtattc ttgtaaaaaa caaaacaaaa 480
caaaaaaaaa caggaagaaa taccgtgagg taacaattac agttcaaatt ggaagtgagc 540
acatttatct tcaacctggc tgtaaaacgt gttttgtgac cttgattttc cttaaaggag 600
ttgaaagtac caaaagtttt tcaactgtgc ctgtttcatg ttgggtaaag agcttagggc 660
atgagcctaa gcaaaccatc atgcatggtg acagcaactg aatttctgtt attaatcca 720
aactctcatg tcctatggct ttgtacctca ttttcaagat ttgaccttaa gttctccatc 780
tgtgaattta atatccacta atgggtgttt 810

<210> 1217
<211> 436
<212> DNA
<213> Homo sapiens

ccaggccagc	ccccagagca	gagcctgtgt	aaacatgccc	aggaggggag	gaggggttgc	420
tacatatgag	aaacagttaa	aaataaattt	aaaaagcaaa	aaaaaaaaaa	aaaaa	475

<210> 1222
 <211> 2708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1953)
 <223> n equals a,t,g, or c

<400> 1222						
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cgttcattct	ctctgccatt	tggcacgggg	tataccagg	atattatcta	acgtttctaa	120
caggggtgtt	aatgacatta	gcagcaagag	ctatgagaaa	taactttaga	cattatttca	180
ttgaaccttc	ccaactgaaa	ttattttatg	atgttataac	atggatagta	actcaagtag	240
caataagtta	cacagttgtg	ccatttgtgc	ttctttctat	aaaaccatca	ctcacgtttt	300
acagctcctg	gtattattgc	ctgcacattc	ttggtatctt	agtattattg	ttgttgccag	360
tgaaaaaaac	tcaaagaaga	aagaatacac	atgaaaacat	tcagctctca	caatccaaaa	420
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tctgagggct	gttttttttt	tttgatgtta	acagaaaacca	atcttagcac	cttttcaagg	600
ggtttgagtt	tgttggaata	gcagtttaact	ggggggaaat	ggacagttat	agataaggaa	660
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tttgaaaata	atactggtag	gttgctcaaa	ggttttgaaa	gagaaatcgc	taggtagggt	1560
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cagtttcaaa	ctcttctcac	attaaaattt	tgctgtgaac	tcttactaaa	atgagtttta	1740
rgttctgtaa	gtggaaaaat	gtgcttttat	tttatgggcc	atttttacca	caactaatct	1800
tgccttggat	tactaagcat	ctcctgcgat	cccacagagg	actgtggtgg	ccacaggagc	1860
traagcagaa	gagtgggatt	tratgccagg	cagtggagtg	gcctcagccc	cagattgtac	1920
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taaagacaag	gcaaccatct	ggcttatgct	atataatact	tcattttaag	aagaaaggaa	2160
aagcaaatgc	acttgcagct	tttgaggctt	cagcaaaaat	gggcatgtgt	cttttttgaa	2220
gtttagaaat	atcctaattt	atttttattt	atctaaaagt	aagtgttttc	cggctgataa	2280
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tcataaaaa	ggaatatctt	ttcattttat	tagttcttct	ttgataacat	cagacttttc	2520
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atgtaaatgg	taatttttgt	tgtttgtttg	tttttgaaac	ggagttcact	cttgctcgcca	2640
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aactcgag						2708

<210> 1223
 <211> 1314
 <212> DNA
 <213> Homo sapiens

<400> 1223
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 agtctgattt tgaaagtcac tgtaaactaa gcctgttttc tgcctttctt tctagtaaca 180
 acccttcagc agcgtctgtt acagcctgac ttccagccag tctgtgcttc acagctctat 240
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 tgtagactga ccatttgtac aagaggaaag caaaaataaa tgtggctggg gtctgactaa 360
 tgtcaaaacc tttggaatgt attaaataca gaaaatactt gtagagaaca tactaattgc 420
 caggcactat tttaaatgct ttcaatataa acagctctta caactctgtg aggtaggtag 480
 tactgttaaa cctgtttttac aaatgtagaa aatgaagtat ctgaagggtta agtacatagg 540
 gtttaacccct aaaagaatag tgaaagagtg tgaactttta ggctagtgtt caggctcagg 600
 gaggaccaat aaaaaataat caattttaaaa gaaagcaaga aaaatcagca aaatccaggc 660
 tctggtaatc tacagaacaa atgacagagt ttcttcaata aataaattgt aaaaacaaaa 720
 tggaaaagaa acctttttaga ggagtactat ccaacagaac tttctatggg tgatggaagt 780
 atyctgtgtc tgtacagtcc ccgcatgata gccactaggc acatgtggct cttgagcaca 840
 tgaaatgtga tagtgcagct gaggtactga gtcagtcttt aatttcattt aaataaccac 900
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 ccaaacacaa tgtatagagt ttacgtagat tcggattcaa acaaaacaga aagaaagggc 1020
 ccaggggagg aggggaagaag ggaaagagga aagaaggaaa gaaaaatttg tgaaatcttt 1080
 gagaaaattt aaacactggt agcattttcg atgctattaa aaaactattg ggcagggcac 1140
 actgacatgc actttagtgc ccagctactc tggaggctga ggcaggagaa tcccttgagc 1200
 ctgaggagt tggactgtga gtgtgtgatg atggtgcctg tgaatagcca ctgcactcca 1260
 gcctaggcaa cacagaaaga ccctgtctct taaaaaaaaa aaaaaagggc ggcc 1314

<210> 1224
 <211> 1022
 <212> DNA
 <213> Homo sapiens

<400> 1224
 ccacgcgtcc gggagcgcag actgtgtccc tgacaatggg aacagccgac agtgatgaga 60
 tggccccgga ggccccacag cacaccacac tcgatgtgca catccaccag gagtctgccc 120
 tggccaagct cctgctcacc tgctgtctct cgctgcggcc ccgggccacc caggccaggg 180
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 cagtcctagg aggatttttc tacatccgcg actacaccct cctcgtcacc tcgggagctg 300
 ccattctggac aggggctgtg gctgtgctgg ctggagctgc tgccttcatt tacgagaaac 360
 ggggtggtac atactgggcc ctgctgagga ctctgctagc gctggcagct ttctccacag 420
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 aagaagtcag aaggctacac ctatgtacct ccttcatgga catgctgaag gccttgttca 600
 gaacccttca ggccatgctc ttgggtgtct ggattctgct gcttctggca tctctggccc 660
 ctctgtggct gtactgctgg agaattgtcc caaccaaagg gaaaagagac cagaaggaaa 720
 tgttggaagt gagtggaatc tagccatgcc tctcctgatt attagtgcct ggtgcttctg 780
 caccgggct cctgcactc gactgctgga agaagaacca gactgaggaa aagaggctct 840
 tcaacagccc cagttatcct ggccccatga ccgtggccac agccctgctc cagcagcact 900
 tgcccattcc ttacaccctc tccccatcct gctcgccttc atgtcccctc ctgagttagt 960
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 aa 1022

<210> 1225
 <211> 2820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE

<222> (68)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (2818)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (2820)
<223> n equals a,t,g, or c

<400> 1225	aattcggcac	gagccgcggt	ctccggaggg	tttatctgca	gtgctgcctg	cccgtcgggt	60
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	tgggtccaga	ctgcgccaca	gcctctcggg	agacgtgggc	cctcggaacc	tttttagtgc	180
	cggactccgg	gccgcagaga	ttcccgcggc	agcaggtatc	acaggtggca	gggactcagc	240
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	agaagtgcct	gctcttgagg	ctagtgcgcc	tctaggcaag	atgtccctgc	ccatcgggat	360
	ataccgccgg	gcagtcagct	atgatgatac	cctcgaggac	cctgcgcca	tgactcctcc	420
	tccatcggac	atgggcagcg	tcccttgga	gccagtgcct	ccagagcgca	agtatcagca	480
	cctcgccaag	gtggaggaag	gagaggccag	tctaccctcc	cctgccatga	ccctgtcatc	540
	agccattgac	agtgtggaca	aggtcccgat	ggtgaaggct	aaagctaccc	atgtcatcat	600
	gaattctctg	atcacaaaac	agaccagga	aagcattcag	cattttgagc	gacaggcagg	660
	gctgagagat	gctggctaca	caccccacaa	gggcctcacc	accgaggaga	ccaagtacct	720
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	gagccctctt	tccagggatt	ctggtaaaag	tggtttcttg	catcccactc	cccttttacc	1260
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<210> 1228
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (4)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (11)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (13)
 <223> n equals a,t,g, or c

<400> 1228						
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ctctgtcccc	acgaggggac	ccatgggggc	tgtctttgca	gggcacagat	gaccaaagtc	180
ccttctctgt	tctgtttacc	tgtcttgtct	ctggggagaa	agaggggcct	gatgagactc	240
cactcaggtg	cacacatcac	caggtgcatc	tgcaggcacc	gggctggctg	cttgacagcca	300
ggagaagggtc	agcgagaagg	agtgtatgag	tgtgagtggt	tgtgcatgga	agttggggca	360
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gagacagttt	actttgccga	cttgccatgt	ttttgccaaa	accaagattt	tgaaggaaat	480
gagtgggccag	cgccagggcc	cagccatgtg	gcctgcccag	cctcaatgtc	acttggyggc	540
ggggtggggg	gggggtgggc	agcagcatcc	cagccttgag	atgcttcact	ttccttctct	600
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tacgtgcctc	ccgagaaaat	tgtctttttg	tataaatgac	aaagtgttga	aaatgtat	720
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aaaaaat						787

<210> 1229
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (4)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (11)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (13)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (779)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (793)

<223> n equals a,t,g, or c

<400> 1229							
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ccaaagtccc	ttcctgcttc	ctgttacctg	tcttgctcct	ggggagaaaag	aggggcctga		240
tgagactcca	ctcaggtgca	cacatcacca	ggtgcatctg	caggcaccgg	gctggctgct		300
tgcagccagg	agaaggctcag	cgagaaggag	tgtatgagtg	tgagtgtgtg	tgcatggaag		360
ttggggcact	gggcgtctga	ctccctcccc	acccaagaga	ggaaggaccc	ctcaccaccc		420
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aaggaaaatga	gtggccagcg	ccagggccca	ggccatgtgg	cctgcccagc	ctcaatgtca		540
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tccttctctg	taaccagact	ttgaaaaatt	gttcgtttca	tcaggctctg	ttcctcaatg		660
gccttttgct	acgtgcctcc	cgagaaattt	gtctttttgt	ataaatgaca	aagtgttgaa		720
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gccgttttaa	agnatccaa						799

<210> 1230

<211> 1726

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1695)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1707)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1710)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1724)

<223> n equals a,t,g, or c

<400> 1230							
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agctccgctg	cagtacagcc	tgctcctgca	gtacctgggtg	ggtgacaagc	gtcagccccg		120


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<400> 1232
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agtttaagtg tgggcatctt gagagtaaca ctgtgtcttg ttccttcttg tgttcctgct 180
attgactgca atgctcagta aatgtttcag gcatccacga atgaatgatt gaacaaatca 240
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aaataatttt gcttaaaaaa taatttttca ggcttggtc ggtggcctca catctgtaat 420
tccagcactt tgggaggcca aggcaggagg atcacttgag cccaggagtc tgagaccacc 480
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agaccttgcc tcgaaaaaaa aaaaaaaagg gcggccgc 698

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<210> 1233
<211> 903
<212> DNA
<213> Homo sapiens

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<400> 1233
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taagtgaagg agcaaatact atggacattg gacggactgt gtttcagaac taccttcttc 180
gtcacaggct tgatgctggt actttcggaa caatgggagt tggtttgga tttgctattg 240
cagctgccgt ggtggctaaa gatagaagcc ctgggcaatg gatcatctgt gtggaaggag 300
acagtgcatt tgggttttct ggcatggagg tagaaaccat ctgcaggtag aacttgccaa 360
tcatactgtt ggtagtgaat aacaatggaa tttaccaagg ttttgataga gatacttgga 420
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cagaagaact ccaaaaatcc ctgaggcaga gcctagcaga cacaactaaa ccttctctta 600
tcaacatcat gattgagcca caagccacac ggaaggccca ggattttcat tggctgaccc 660
gctctaatat gtaaaataaag acgccagttg gtggtcttga gttttctctt tcttgcaaga 720
tgaaatttta ttttccacag caaaattact ctactgttaa aattgtgcaa aataaaataa 780
acatttaaaa tgaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 840
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 900
aaa 903

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<210> 1234
<211> 1971
<212> DNA
<213> Homo sapiens

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<220>
<221> SITE
<222> (4)
<223> n equals a,t,g, or c

```

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<220>
<221> SITE
<222> (1270)
<223> n equals a,t,g, or c

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<400> 1234
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ggaggaaaaa ataaaaaaat aaataaaaaat ttaaaaaaag aacacttgaa gttactcaga 120
tcaggactca tgcagagaaa agccaacagg agcaacaccc cacattaggg gaggaagaca 180
cctgggggatt cactgacttc agttgtgtga attttaccc atgaccttgc ttgctttatg 240
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gttaccatag gtaaaagggtc atgtcctat gtaagccttc ctgttcccca gtcatttgtg 360
cacggggtag gccatcatct cctgcctatt caagggaatg actagtcctg tcttctgtat 420
cctcagtcac caacttctca gttagtgttg aaccaagcct atgttcaaaa catgactgag 480

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[illegible][illegible][illegible]

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tg	cg	ctctgtcacc	caggctggag	tgctatggct	cgatcttggc	3060
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<210> 1242
 <211> 1674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (5)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (8)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (474)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (505)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (511)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (606)
 <223> n equals a,t,g, or c

<400> 1242						
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cagcatggag	attaggaaga	ggggctgctg	tgaccaggag	atacacacgg	ctttaagtaa	180
ctgagagcct	aaagaaagta	acccagggag	tccggtccag	ttttaatatt	tgtggatttg	240
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<400> 1247
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aaggatccac ttccaagctc actaatgtgg ctggtggcag gaggcgtcag ttccttgcta 180
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<210> 1248
<211> 947
<212> DNA
<213> Homo sapiens

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<220>
<221> SITE
<222> (423)
<223> n equals a,t,g, or c

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<400> 1248
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tcctctgtgt ctacttttat cccttaata gtatatcttg gaaatcattg ttttctttaa 180
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 <211> 808
 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>
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 <223> n equals a,t,g, or c

<220>
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 <222> (294)
 <223> n equals a,t,g, or c

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<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (303)

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739

項目	1990年	1991年	1992年	1993年	1994年	1995年	1996年	1997年	1998年	1999年	2000年	2001年	2002年	2003年	2004年	2005年	2006年	2007年	2008年	2009年	2010年	2011年	2012年	2013年	2014年	2015年	2016年	2017年	2018年	2019年	2020年	2021年	2022年	2023年	2024年	2025年	2026年	2027年	2028年	2029年	2030年	2031年	2032年	2033年	2034年	2035年	2036年	2037年	2038年	2039年	2040年	2041年	2042年	2043年	2044年	2045年	2046年	2047年	2048年	2049年	2050年	2051年	2052年	2053年	2054年	2055年	2056年	2057年	2058年	2059年	2060年	2061年	2062年	2063年	2064年	2065年	2066年	2067年	2068年	2069年	2070年	2071年	2072年	2073年	2074年	2075年	2076年	2077年	2078年	2079年	2080年	2081年	2082年	2083年	2084年	2085年	2086年	2087年	2088年	2089年	2090年	2091年	2092年	2093年	2094年	2095年	2096年	2097年	2098年	2099年	2100年																																																																		
人口	12,000	12,500	13,000	13,500	14,000	14,500	15,000	15,500	16,000	16,500	17,000	17,500	18,000	18,500	19,000	19,500	20,000	20,500	21,000	21,500	22,000	22,500	23,000	23,500	24,000	24,500	25,000	25,500	26,000	26,500	27,000	27,500	28,000	28,500	29,000	29,500	30,000	30,500	31,000	31,500	32,000	32,500	33,000	33,500	34,000	34,500	35,000	35,500	36,000	36,500	37,000	37,500	38,000	38,500	39,000	39,500	40,000	40,500	41,000	41,500	42,000	42,500	43,000	43,500	44,000	44,500	45,000	45,500	46,000	46,500	47,000	47,500	48,000	48,500	49,000	49,500	50,000	50,500	51,000	51,500	52,000	52,500	53,000	53,500	54,000	54,500	55,000	55,500	56,000	56,500	57,000	57,500	58,000	58,500	59,000	59,500	60,000	60,500	61,000	61,500	62,000	62,500	63,000	63,500	64,000	64,500	65,000	65,500	66,000	66,500	67,000	67,500	68,000	68,500	69,000	69,500	70,000	70,500	71,000	71,500	72,000	72,500	73,000	73,500	74,000	74,500	75,000	75,500	76,000	76,500	77,000	77,500	78,000	78,500	79,000	79,500	80,000	80,500	81,000	81,500	82,000	82,500	83,000	83,500	84,000	84,500	85,000	85,500	86,000	86,500	87,000	87,500	88,000	88,500	89,000	89,500	90,000	90,500	91,000	91,500	92,000	92,500	93,000	93,500	94,000	94,500	95,000	95,500	96,000	96,500	97,000	97,500	98,000	98,500	99,000	99,500	100,000

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<212> DNA
<213> Homo sapiens
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<210> 1258
<211> 1491
<212> DNA
<213> Homo sapiens
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740

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<210> 1259
<211> 3045
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (128)
<223> n equals a,t,g, or c
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<221> SITE
<222> (141)
<223> n equals a,t,g, or c
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<223> n equals a,t,g, or c
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<221> SITE
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<223> n equals a,t,g, or c
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agtctgtagc	ctcctttgta	aaccaattaa	aaagtttttt	aataa		3045

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<210> 1260
<211> 880
<212> DNA
<213> Homo sapiens
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ccaattggtg	caagggtctc	tcaaaatgcc	atgggtcccc	aggtcattgt	gataaacact		660
gtccccatcc	tgcttgggtt	gtggctggaa	gggtccctcaa	ggagtagact	gtccctgaga		720
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<220>
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 <222> (720)
 <223> n equals a,t,g, or c

<220>
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 <223> n equals a,t,g, or c

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 tatccattta tcagttgatg gatatttgag ctgtttccac ttttttagcaa ttatgaataa 480
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 tggatgaatg ggcagatatt ataggttctt accatgttga ttatgaagaa gtacaaagtn 720
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 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 816

<210> 1264
 <211> 1232
 <212> DNA
 <213> Homo sapiens

<400> 1264
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 aacttcaggc agatggcaag agctgcaacc ggtgccggga agggcacgtg gacctgttct 180
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 agggcatcag cgcagggaca gagcttcgga gcccatgcga atgcgaaagc ctctgaggat 780
 tccaggggcg cagctggggg gcgctcgaga gcctgacgct gaacctggcc cagctgacgg 840
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 <211> 854
 <212> DNA
 <213> Homo sapiens

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atctccaatt	caaatgaatg	tcaaagcaca	tatctttaat	atgctgaatg	aatattttatt	960
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<210> 1274
 <211> 1161
 <212> DNA
 <213> Homo sapiens

<400> 1274						60
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 <212> DNA
 <213> Homo sapiens

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<210> 1281
 <211> 1446
 <212> DNA
 <213> Homo sapiens

<400> 1281						
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cctgttcttg	gcttgacctt	tcctgtgagg	gcctggacct	cctgcttccg	ctatctccca	180
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tccaggatat	gggtcagggg	aggtctctga	ctcacagtgc	ttctgggcca	attcaaaagc	960
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<210> 1282
 <211> 1193
 <212> DNA
 <213> Homo sapiens

<400> 1282						
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ttacccattt	aatggtcagg	aaaagctgct	gggaatatga	ctcatagctg	ggacattctc	300
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<210> 1283
 <211> 921
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (773)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (813)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (851)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (885)
 <223> n equals a,t,g, or c

<400> 1283						
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aaaactatgt	ggaacacttg	aaacagattg	cacaccctaa	gcctgacttc	tggctcctct	360
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cccactcttg	gtttaatgca	tccagccctg	actgtttgac	cttggtgagg	ggnctcagtg	780
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921

<210> 1284
<211> 1059
<212> DNA
<213> Homo sapiens

<400> 1284
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tggtttccct ctctcttttc ccatatcggg tgtgcgaacc tctgctcacc aagtaccagt 180
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cagcagcagc cccaggacgg acgggtacgc caagtccctg ggaccctctc ccaagctctg 360
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gcagaggtgg gcttgtgtcc gcacccgcag cctccgcgct aacaccctag gggagagggg 480
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tgaatgtatc ctcaccgcac taaaaaaaaa aaaaaaaaaa 1059

<210> 1285
<211> 590
<212> DNA
<213> Homo sapiens

<400> 1285
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gacttttgag tctaagcctt aattgcctcc actgtcaccg tcttgagcg atagtgtagc 480
cctgtgaaga agcctgggct ggcttccttg aggataaaag accaggtgcc acagaaaggc 540
agtcatgtga gtcagcccca ggcaaaacca gcaaaaaaaaaa aaaaaaaaaa 590

<210> 1286
<211> 965
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (193)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (643)
<223> n equals a,t,g, or c

<400> 1286
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cctgtccccg	ccccaggtcc	cgtgcagggc	acctgcgtgg	ctgacagcca	ggctcttact	1140
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<210> 1289

<211> 656

<212> DNA

<213> Homo sapiens

<400> 1289

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ctagaatggg	gaatccttcc	caggagggtt	tcagtgtact	ttgcccaaat	ccatcagagg	180
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gatcacttga	gccgaggagg	cagagattac	agtgaagcaa	gatcatgcca	ctgcactgta	600
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<210> 1290

<211> 927

<212> DNA

<213> Homo sapiens

<400> 1290

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<210> 1291

<211> 1635

<212> DNA

<213> Homo sapiens

<400> 1291

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<210> 1292
 <211> 1246
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1038)
 <223> n equals a,t,g, or c

<400> 1292						
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gatgagggta	actatttctc	ttgtgagcct	tctaggggcc	caggctggga	ggctcagagg	960
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gtccttttaa	atgtctgtgt	attaaaaatt	taagaatacc	acactttaat	attaaatatt	1140
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<210> 1293
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1293
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 tttaatcaca gcagtaactc ccagtaggaa agattctcaa aggaattggt ctttaaaaaa 180
 aaaaaaaatt cacaaagtag gctgtaccct caaagtgtca aggagagctt ctgtcctcga 240
 aaatctccct gaaatactga aagcatacaa aaaaggagaa agctcaaaac taaattttga 300
 ctctcatggc tggggtttgt atctctttct ttaaaaaaaa aaaaaaaaaa aaaaaaaa 358

<210> 1294
 <211> 779
 <212> DNA
 <213> Homo sapiens

<400> 1294
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 tattccgact gagggaaatgg aaacatcagg gctgggtctg ctgttgctgc tagagaagtt 180
 gggagcaaag gcagccagtt agcttgctct tggaaatgaa actgtgttaa ggaaaaaat 240
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 tacatttccc atcttgcttt gctctgctta ttgggaaaag tcagcctttt ctgccgggcg 480
 aggtggctca cgctgtaat cccagcactt tgggaggccg aggcaggcag atcacgaggt 540
 caggagatcc aggccatcct ggctaacatg gtgaaacccc gtctctacta aaaatacaaa 600
 aaattagctg ggcattgttg ctggcgctg tagtcccagc tactcgagag gctgaggcag 660
 gagaatggtg tgaacccggg aggcggagct ttcagtgagc cgagattgtg ccactgcact 720
 ccagcctggg caacagagcg agactccgtc tcaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 779

<210> 1295
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (12)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (26)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (441)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (446)
 <223> n equals a,t,g, or c

<400> 1295
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aggtgtggcc	atgggaggcg	tcagtggctt	ctctgttgcg	tagggccatt	ggtttgggtt	180
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gcagccattt	ctccaaggag	cccttgttcc	ctttagtggg	gggtggtctg	gatcttgggt	300
agaagccaag	atcaagattc	tgggtgtgct	cacagctcta	ggttgttagc	agacagagct	360
ggaaagtgtg	tatgtgaata	caagtgcaca	gttgtgggtg	cgtctgtgta	tgtgcgaata	420
catgcgtctt	tgtatatgat	naaaan				446

<210> 1296
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 1296						60
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ccaaattcta	tggccggcta	atgttttgct	atggtgacta	tcacccatct	acctggaagc	180
accagaatgg	cttagtacag	ctagggagct	cagccagatc	tcggtgtctg	ctgtttgaga	240
ttgtgtggaa	ggactattgc	taagaagcag	gagacagact	gaaccagtg	ttggccacaa	300
gtgaggactg	agaccaggt	cacctcttgg	ctgaacatgt	tagcttgttg	gtaaatggct	360
ctgcagtggg	tctgcatttt	agtggggaat	ttgttttggg	tcattttggc	attcccgcga	420
ccatcttggg	ggttttttgg	taaaatgtgg	caccccytcc	agacctytta	gctgtggaam	445
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<210> 1297
 <211> 1006
 <212> DNA
 <213> Homo sapiens

<400> 1297						60
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tcaactgtgt	cttcctgttc	tcctcttctc	ccatcagcaa	gctcaccccc	tggtttttga	240
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ggatggagt	ggaagacagg	aggcactggg	gacagcatgt	ggctgggggtg	agctagtggg	360
cgggtgtact	ttccccaaag	tccagagcac	tgggtgggag	cagcgctcag	ctgtagggat	420
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cacctgcaag	agggctacag	ctggagaaat	gggtggggar	gagtggctgt	tgacagctcc	600
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aaccagttg	ggggaaagta	ctgagcccag	ggctctaaat	gactaatgca	gaaatgatgt	720
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gctgagaccc	gagggtttag	gaaattatat	gagaaatgaa	gcaagagatg	attatctttt	900
gacagccaag	tccccagatg	gaatttagat	atttgaacta	ggcctaagga	atgtctgtct	960
attaagtgtc	tgtagaaatt	tctgtcatct	gcttgcaact	gctgttttac	tctgctacca	1006
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<210> 1298
 <211> 1369
 <212> DNA
 <213> Homo sapiens

<400> 1298						60
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ctgatggctc	tgcagaggac	ccattcattg	cttctgcttt	tgctgctgac	cctgctgggg	240
ctggggctgg	tccagccctc	ctatggccag	gatggcatgt	accagcgatt	cctgctggca	300
cacgtgcacc	ctgaggagac	aggtggcagt	gatcgctact	gcaacttgat	gatgcaaaga	360
cggaagatga	ctttgtatca	ctgcaagcgc	ttcaacacct	tcacccatga	agatatctgg	420
aacattcgta	gtatctgcag	caccaccaat	atccaatgca	agaacggcaa	gatgaactgc	480
catgaggggtg	tagtgaaggt	cacagattgc	agggacacag	gaagttccag	ggcaccacac	540
tgcagatatc	gggccatagc	gagcactaga	cgtgttgctc	ttgcctgtga	gggtaaccac	

cagggtgcctg	tgcacttttga	cggtttagatg	ccaccatgta	gggattatcg	cgagtgggtg	600
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ctcctcagct	catttcctac	tctttttctc	tatataactc	attctattaa	atacattgca	720
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tgggaatttt	ctttttcctg	aaactttgaa	tcaccctagt	aagtcaaagt	actaaaaaat	1260
gtactagatc	attaagactt	atgtgtctct	actgattgaa	agattttttg	ttttccttgt	1320
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<210> 1299
 <211> 676
 <212> DNA
 <213> Homo sapiens

<400> 1299						
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tgacatccaa	atagaagata	ggactatcta	agccctaggt	ttctttttta	attaagaaat	300
aataacaatt	aaagggcaaa	aaacactgta	tcagcatagc	ctttctgtat	ttaagaaact	360
taagcagccg	ggcatgggtg	tcacgcctgt	aatcccagca	ctttggggagg	ccgagggcga	420
tcataagggtc	aggagatcaa	gaccatcctg	gctaacacgg	tgaaaccccg	tctctactaa	480
aagtacaaaa	aattagctgg	gtgtgggtgt	gggcgcctgt	agtcccagct	actcggggagg	540
ctgaggcgag	agaatcgctt	gaacctgaga	ggcggagggt	gcagtggagc	aaaattgcac	600
cactgcacac	tgcactccat	cctggggcgac	agtctgagac	tctgtctcaa	aaaaaaaaaa	660
aaaaaaaaaa	aaaaaa					676

<210> 1300
 <211> 1061
 <212> DNA
 <213> Homo sapiens

<400> 1300						
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taaattcctg	aggtattgtg	agtcagctaa	aatgttataa	accaaatacct	atcttcccat	120
ttacatcttc	accttaagat	atttcgtctt	cattccaacc	ctctctctca	aattggtaag	180
ccttaaacac	ttcagcgtgc	tgggacagtt	tctattttaa	gaagctcttt	gccatctatg	240
tataagagagc	gttgaatagc	cattgttatg	tttcagtctg	tctctctcac	atattttacat	300
tttaaatatg	ggcttttaaaa	aatgggggtg	agttttgggt	cattcttctg	cctttctaaa	360
tcctctccaa	aattgggtgg	cccttcttag	gttgaaagct	gttttctctt	gttccttttt	420
ttctcatctg	gattgcagat	acatttcact	agcaccattt	ctccttactt	gggccttacg	480
agggccttag	ccaaattcca	gcccgtgcct	ccctctacca	gtgggtgggca	caccatctgc	540
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ctttcaatgg	ctttcaatct	tcttttctca	gtcactactt	tttttttttt	ttttgagacg	720
aagtcagacc	tgggtggcag	agtgaggctc	catctcaaaa	aaaaaaaaaa	aaaaaaaaaa	780
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ggcgctctgt	gtcccagctg	tttgggaggc	tgaggcaggg	gaatggcggt	gacccggggg	960
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<210> 1301
 <211> 2046

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gtaaaatggt	tccttaaagt	gttcttgga	tgaaaatgat	tgatcatgtc	ccaacaacag	1620
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tgtatcatat	atgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtga	tataataaat	1860
aaaaaamtyc	ttctacttgt	actttggcat	tcaattttta	gaaattcagt	ctcaaatgcc	1920
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tacttctc						2108

<210> 1304
 <211> 1026
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (971)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1003)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1004)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1007)
 <223> n equals a,t,g, or c

<400> 1304						
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tgatcgcgc	agggagcagc	aggtatgcag	agacctggga	cctactcctg	tttctgcgac	180
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cccttacagc	aattcctgca	atatataaaa	ggtctttact	tcaagtgagc	tgtgaatgca	960
ccactgcaat	ntccagcttg	gcagaggatg	acagagaccc	tgnttncaa	aaaaaaaaaa	1020
aaaaaa						1026

<210> 1305
 <211> 1103
 <212> DNA

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<210> 1307
 <211> 845
 <212> DNA
 <213> Homo sapiens

<400> 1307						
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<210> 1308
 <211> 1781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1363)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1377)
 <223> n equals a,t,g, or c

<400> 1308						
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aagtattata	atttgtgttt	tcatacataa	atattttgca	tcagtatctt	attgcagtac	300
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cctgaaggaa	agtctaagag	agactgagag	gaaagaagga	gancggaaaa	gaaaagnaaa	1380
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 <211> 919
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (11)
 <223> n equals a,t,g, or c

<400> 1309						
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tcctacagct	gcacacaagc	agttgagagt	tgatgaccag	gcccataagg	ctccacagc	420
tggttcccag	gccagtgtgt	gctgtgagaa	tacagttagc	caagtccttg	ttctctgaag	480
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aaaaaaaaatc	caagggggg					919

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 <211> 495
 <212> DNA
 <213> Homo sapiens

<400> 1310						
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<210> 1311
 <211> 1483
 <212> DNA
 <213> Homo sapiens

<220>

<221> SITE
<222> (508)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (711)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1021)
<223> n equals a,t,g, or c

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tagcaaaaacc aaagcacctt gggcttttgaa cccacccttc ttagaaggca ggtttggggg 180
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ccaagatgct tctcttgat ttctttcagc acatccagcc atctccctgg ggagcgtttc 300
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tgacactgct gaaaaggagt ttccaganag ttgcacacca tgagccacgc tgtctgtccc 540
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<210> 1312
<211> 1332
<212> DNA
<213> Homo sapiens

<400> 1312
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tgtggctcac cctatgcagt ttgtgtattt gttgacaact ttatgtgttt ttaatatggg 180
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cgtacactgg gagaatcttc ctggaggctc tagaaagctc agtggctgag cacggtgcca 720
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attaactatc	ctttaaagtt	tatttattaa	atttatagag	tcaagtttga	aaaattgttt	600
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<210> 1315
 <211> 1744
 <212> DNA
 <213> Homo sapiens

<400> 1315						
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tcga						1744

<210> 1316
 <211> 1744
 <212> DNA
 <213> Homo sapiens

<400> 1316						
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tcga						1744

<210> 1317
 <211> 1982
 <212> DNA
 <213> Homo sapiens

<400> 1317						
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<210> 1319
<211> 1573
<212> DNA
<213> Homo sapiens

<400> 1319
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<210> 1320
<211> 1986
<212> DNA
<213> Homo sapiens

<400> 1320
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3186

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<212> DNA
<213> Homo sapiens

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<210> 1335
<211> 1218
<212> DNA
<213> Homo sapiens

<400> 1335
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 aaaaaaaaaa aaaaaaaaaa 1218

<210> 1336
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1336
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 actctcaaga tatatatgtt tgttttgaat gttggcagat gccaatagcc cttaacattt 180
 gaaaaatggg acttgaacat caattatgtc tcagagttcc cttaaacttt ttgggcttaa 240
 atatttttat tcatatttggg catacctttg acaatggata tgttaaactt taacaattat 300
 agtgacaaaa cagcttgctt agaacctgga aattaaaaca caatttctag agtaaaaaaa 360
 aaaaaaaaaa 368

<210> 1337
 <211> 685
 <212> DNA
 <213> Homo sapiens

<400> 1337
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 gtgtagggaa aatacctagt gccaccctcc actccaaaac cccatgtcgc cagagataac 180
 catttattca gacagtgtgt atctattaag tatctattgc taggcttttg agatagcata 240
 atgaacaaaa tggatgtgct ctctgccctt gtgatttgga cagatgcttc cagttaattc 300
 tttttctgtg ttttatattg attatgtttg tatgtatgtg cgtgtgtgtg tgtgtgtgtg 360
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 tcattacata tagatctggc ttatcctttt caacagctgt acccacattc ttcagtgcag 540
 agagaccacg ctttattcca gcattccccc actgctgggc ctttaggttg ttcctctgag 600
 atgtcttttt tttttttttg agacggagtc ttgcactcca gcctgggcga cagagcgaga 660
 ctccatctat aaaaaaaaaa aaaaaa 685

<210> 1338
 <211> 781
 <212> DNA
 <213> Homo sapiens

<400> 1338
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 atgtctttga atcttcagta tcgaactcag tgcttggcat atttgatgtt cataaaatgt 180
 ctgttaaaaag aataaatgaa tccaggactc atgtttctaa taagtataga aattgctctc 240
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 ttttaagtagc ctaaacttaa acaatgataa agctacatta ctgcatgttt actgaatgtc 360
 aaacagactt ctaagtgtct tgtgtttact aactcattta attctcaca atttataacc 420
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 gctagtaaat ggtggaactg ggattttaaac tccaacaatc taacttcaga gcaatacagc 540
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 agtctccaaa gaagggtatc ccaagatgca acccttccag ccacttctg cagccatgct 720
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 c 781

<210> 1339
 <211> 829
 <212> DNA
 <213> Homo sapiens

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gccaggccta	gtgtgccagc	cagcgctcag	ccttcagtaa	agggttcccc	tgcttccaac	720
ctccattgca	ctgcttcccc	taagactgtg	acctcctgga	aggctggagc	acaactgcct	780
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<210> 1342
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<400> 1342						
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ccctattttca	aataatgact	ttctttgtat	tcattggaggt	aagaactcct	gtaatgcaaa	240
ccggtagtag	aagtttgctg	taaaataatt	tgcaaatag	gagagccaag	aattttcctc	300
tcccacttat	ttcccatttc	cccacctgca	ttcaaaactta	atgtgtttta	attccatatg	360
gtttcagaaa	ttcacccttc	ctttttaatt	gtaggtaatc	tctagcttct	ttattgaaca	420
tataatttact	gagtacatgc	tttctaaact	ttttgctagt	gcctaaggac	actaaaaatc	480
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tgatttttact	tatcgactat	attggtgggt	cttaacccca	ttgtctaaat	gaatagctgg	660
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gttcatcttg	aggaaacaca	atcaccaaaa	atgctttata	attaccgttc	ttgggagaga	960
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 <211> 1820
 <212> DNA
 <213> Homo sapiens

<400> 1343						
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aattatttttg	cattaattat	tttttctgtt	tggttattgg	tttaacactc	tgagatgag	240
caaagaaaaa	atattttaagt	ctgcctttcg	gaaaaacat	tgtactctca	gtgtcttcca	300
tcattttctta	cctacaaatg	ttgttttggt	taaggaagg	ttcttgacat	ttgccgtgta	360
aggttataga	ataaataaag	agtttatatta	cctacggtag	tggtgattta	gtttattttt	420
aattcttact	gtctattata	ggtgtaactc	attgatttta	gttacaagtt	tttaatttaa	480
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aatcaaggat	ttatagatac	agttttgtta	tgcatattga	acctatgaac	aatagctaca	1020
tttctaagta	tcttttgtag	agtttagtgt	tttaattgata	ctaaagatat	ggcacttggg	1080
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<222> (15)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (47)
<223> n equals a,t,g, or c

<400> 1345
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cctaataaat gctcattcag actctcagaa ctttcagcat taaagagttt tctattcatg 720
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ggcggccgcg 789

<210> 1346
<211> 354
<212> DNA
<213> Homo sapiens

<400> 1346
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gattgcaaca acaaatatgt agaactacag actgtttaga atgctgagac tgttctaaga 180
aactttcaaa aacagtatga cttcaaggaa ttgctacttt ctatgaaaga aactggtttg 240
atagccataa tcttattgct agctgctttt agcaaaaagtc ttttcttgaa accaccacct 300
atactcttta aacaaataaa aactaaaatc tcttgctaaa aaaaaaaaaa aaaa 354

<210> 1347
<211> 1487
<212> DNA
<213> Homo sapiens

<400> 1347
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aggcatcggg gttgccccag gtcacacaaa gcctgacatt gagcatttgt tttttaattt 180
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aaattttgaa acgggaaaga gttaatgaat acccaggcaa ttttaacaca atgatgaaaa 600
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<211> 1566
 <212> DNA
 <213> Homo sapiens

<400> 1352
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 aaaatatttt tatactaagt agagagagta gattcgtgga aaactcttaa actcaccagg 180
 tactgcaatg aaacttctag cattgggtgat tagcatacta atatgtactg ggcaaattta 240
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 actaaacttt caaaatctct cttataatag gtattgttaa attaattcca tatttcatat 360
 gaaaaaacia aagctgaggg aggcaaagtt acttacctaa gaccacacag tatttaactg 420
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 aaaaaaagcc aaaattgtta tagactgtga ttcaaatact ctttcatata gccagggtga 780
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 aaaaaa 1566

<210> 1353
 <211> 668
 <212> DNA
 <213> Homo sapiens

<400> 1353
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 gtctgctaata aagaagaaaa agagaagggc attctcttta cctttaagag gattttgtgt 180
 atatcacttt cactcagatc cctctggctc taactttgtc acgtcacaac cagttgcaaa 240
 ggaggctggg aagtgaagtga ctctgaccta ggagccata tgttgcaactt aatttttatt 300
 actgcataag aaggagagaa cagattctgg ggagatagcc agctatctgt cacattaagg 360
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 aggytgaggc aggagaatgg cgggaacctg ggaggcatag cttgcagtga gccgagatgg 480
 caccactgca ctccagcctg ggtgagagcg agactctctc tcaaaaaaaaaa aaaaaaaaaa 540
 aaaaaagccg ttgattattt aaacagttaa cttttttgtt gttgttctgg aatgagtctt 600
 gggtactgta tagtatgtat taaaaataac cattagcaat ctaggcatag tggatatgtgc 660
 acagtccc 668

<210> 1354
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1354
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 agatacagag caacaggaac tctgacatga gtagtagaat gcaaaatgag acagccactg 180

tggaagacag	tttggcagtt	tcttagaaaag	ttaaaccacat	ttactctatg	gcccaggatc	240
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aaaaaaaaaa	aaa					313

<210> 1355
 <211> 1082
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1065)
 <223> n equals a,t,g, or c

<400> 1355						60
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aacacgaagc	attattttaca	tggaagcatt	cagaaatcat	gaatagcatt	atcacaaatg	1080
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n equals a,t,g, or c

<220>
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 <223> n equals a,t,g, or c

<220>
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 <222> (48)
 <223> n equals a,t,g, or c

<220>
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 <222> (61)
 <223> n equals a,t,g, or c

<220>

<210> 1360
 <211> 2102
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <222> (1254)
 <223> n equals a,t,g, or c

<220>
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 <222> (1285)
 <223> n equals a,t,g, or c

<400> 1361
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gtagactta	acctaattta	taaacaagag	attaatatct	ccatgcatag	ttttagacaa	1440
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cacaggccta	gaacagttaa	agggaacata	atttgtttag	gctcccacat	aaatgtgaat	1560
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<210> 1367
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (745)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (761)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (770)
 <223> n equals a,t,g, or c

<400> 1367						
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 <211> 1444
 <212> DNA
 <213> Homo sapiens

<400> 1368						
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 <222> (617)
 <223> n equals a,t,g, or c

<400> 1370

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 <212> DNA
 <213> Homo sapiens

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<220>
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 <222> (2007)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (2024)

<223> n equals a,t,g, or c

<400> 1371

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<210> 1372

<211> 1322

<212> DNA

<213> Homo sapiens

<400> 1372

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<210> 1376
 <211> 990
 <212> DNA
 <213> Homo sapiens

<400> 1376						
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<210> 1377
 <211> 1316
 <212> DNA
 <213> Homo sapiens

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ggttgatggg	catttagggt	ggttccatat	tttcgcaatt	gcaaatgtg	ctgctataaa	240
catgcatgtg	caagtgtcct	tttcaaataa	tgacttcttt	ttattaacac	cctgtagtta	300
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<213> Homo sapiens

<400> 1382

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<210> 1383

<211> 582

<212> DNA

<213> Homo sapiens

<400> 1383

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cattttgttg	ttgagtattc	tactgtatga	atataccaaa	atttgtgtgt	ctgttcaccg	240
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gtttacataa	gagctttttg	attgggtatag	attgtcattt	ctctggagtg	aatatctaag	360
aggagaattt	ctaggttata	tgataagtat	aaccatattg	ttaagcattc	tagttgatgt	420
gtagagaaag	acaggatcga	aagcaattaa	aatgaaagaa	tatttcaaaa	gataaaagag	480
aatatagaat	aacatgggtta	taaaagccag	tggaaagagt	attaagggat	ggaaactgga	540
gtttcaatgt	tagaacttca	gaaattgaaa	aaaaaaaaaa	aa		582

<210> 1384
 <211> 1426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (506)
 <223> n equals a,t,g, or c

<400> 1384
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 aaattctgtc actgcctata gaaattccaa aaaaaaaaaa aaaaaa 1426

<210> 1385
 <211> 712
 <212> DNA
 <213> Homo sapiens

<400> 1385
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 aagaagttgg gttggcaaca ttgcttgggt gatttccttg ctaacattgt actgtaaggt 120
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<210> 1386
 <211> 1702
 <212> DNA
 <213> Homo sapiens

<400> 1386
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<210> 1387
<211> 1720
<212> DNA
<213> Homo sapiens

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<210> 1391
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (867)
 <223> n equals a,t,g, or c

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<210> 1392
 <211> 1626
 <212> DNA
 <213> Homo sapiens

<400> 1392

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<211> 2397
<212> DNA
<213> Homo sapiens
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<222> (155)
<223> n equals a,t,g, or c
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<220>
<221> SITE
<222> (1195)
<223> n equals a,t,g, or c
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gaa						2163

<210> 1396

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1168)

<223> n equals a,t,g, or c

<400> 1396

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gtatatatat	ataggaaaaa	catagtgtta	tatagggttc	aatactagcc	ccagtttcag	360
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<210> 1400
 <211> 1175
 <212> DNA
 <213> Homo sapiens

<400> 1400						
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<210> 1401
 <211> 1402
 <212> DNA
 <213> Homo sapiens

<400> 1401						
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<210> 1402
<211> 1221
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (1220)
<223> n equals a,t,g, or c

<400> 1402
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<210> 1403
<211> 942
<212> DNA
<213> Homo sapiens

<400> 1403
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<210> 1404
<211> 2103
<212> DNA
<213> Homo sapiens

<220>
 <221> SITE
 <222> (456)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (457)
 <223> n equals a,t,g, or c

<400> 1404

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t	g	a	g	t	g	g	a	t	g				300
g	g	c	t	t	g	g	a	g					360
t	g	c	t	g	a	g	t	g					420
c	c	c	t	c	c	g	a	c					480
a	c	c	c	c	a	t	c	t					540
t	c	a	t	c	c	c	t	a					600
g	g	t	c	a	a	g	t	c					660
c	t	t	a	a	a	g	a	g					720
t	g	a	g	c	a	g	c	a					780
c	a	g	c	a	c	a	c	a					840
c	c	c	t	c	t	c	a	c					900
g	g	t	c	t	c	c	c	c					960
g	c	a	c	t	t	t	c	c					1020
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g	t	g	t	c	a	c	c	g					1140
c	t	c	t	c	a	g	c	t					1200
g	g	g	t	c	c	a	t	g					1260
g	c	t	c	t	c	t	c	t					1320
a	t	c	a	c	a	g	c	t					1380
c	g	a	c	t	c	g	g	g					1440
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t	a	a	g	g	t	a	a	c					1680
g	c	t	c	t	g	t	c	c					1740
a	c	t	t	g	t	g	a	t					1800
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acaacacatt	ttcactgtaa	accaarkagc	cactctyggaa	naaagatgct	gtctaggact	1800
ttcttagcta	gagagtacga	ggcatcgctt	tttcttaaa	cttgaaagga	caagctgacc	1860

[illegible]

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<210> 1421
<211> 1730
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (455)
<223> n equals a,t,g, or c
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<400>	1421						
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cttcccctca	gaaggccccc	gccaaagagc	ttagattttg	gcttgggaaa	aacattacc		180
ctcttcagta	accctgaagc	tctgtatttg	gtattttgga	ttcaggtagg	tcagctgctc		240
atgttgmtcg	gcccaagtgt	gtaagaacaa	acagtaaatgc	cagtcatttt	cccactaaga		300
tgttccagtg	ggaagggggg	ctggtatgaa	aaagagaatt	tttttttctc	tgtgtaatga		360
taacttttgtt	cacgtagtaa	gaatttcagtt	cttactattg	gtgtgaatag	ggggtaaata		420
ttattttttat	ttaaaagcaa	aattaaatac	tttcntgaac	ctcatccatg	tttgcaagta		480
gatgtctact	gtgggttgct	tttttctctca	agagaataatt	ttaataaact	tgtaagtaat		540
tttgttacat	ttttctgtct	gcctgtgtac	tatgtattaa	aactcacatg	ggggctttca		600
tgataaaaag	ataaactgtt	aagcagttgg	aaatttttcag	tgttcttcca	gtggacacct		660
gccttgggggc	aggagcttct	ttgtagtcat	tattgataga	atgggggtcac	acacattgtg		720
ctcctgcatt	aagggcagct	ccaaggtttg	gcatgagact	atgcatgtgt	gtggacacgg		780
aggttttctca	gtgagaaaga	gtcctaagac	agtgaagtgg	aacgargctc	taaaaatcat		840
ctagtgcagt	gacttccagt	ttcaggttct	caggctcctt	ttggtatttt	aggaagccca		900
catgtgacta	gagagagact	tcagagccaag	atatcatggt	tatgttcttt	tagctagaat		960
tgtgttaagg	caatgactat	ctcctacagc	ttagaagttc	tgaagtacat	ggccaggagc		1020
ggtgggtcam	acctgcaatc	ccmgcacttt	gggaggccga	rgcgggtgga	tcacccgagc		1080

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggcc

2018

<210> 1423
<211> 1020
<212> DNA
<213> Homo sapiens

<400> 1423
gggtggaatg aaataaattt gtacatgtaa agcacaagaa catggaaggt gcttactaaa 60
tggtacttat ctttactttc tctgccttgg tctctcata cccactcctg atttttaggtg 120
attgggtgga aatggccatt gaacatcata ctctactaac aaagaccatt tgagagttag 180
attaatctct ttcctgtttc aacaacagga agaagcccca caaatcaagt atttcccttg 240
ttctatacct tgtcattttg ttgctactcc caccagccaa agagggagga aagtttcttg 300
gtataattaa aatggttatag gctgggtcgg gggggctcat gcctgtcatc ccagcacttt 360
gggaggctaa gacgggagga tgcgttgagg ctaggagttc aagaccaggc tgggcaacat 420
agtgagaccc atctctacaa aaaaaaaaaa atagccaggc atgatggcat ccatctgtag 480
tcccagctac ttgggagggt gaggcaggag gatcacttga gcccagggtt ttcaggctgc 540
aggaagctat gatcatgcca ctacactcca gcctgggcaa tagagcaaga ctgtctctct 600
aaaaaccaa aattgttata gaatatagag ttgaataact tttctggaat gagaaagctc 660
tcattttaga tatccattca ttcattcatt caatagtgtg ctggatgcca rgaatttaat 720
ggtgargaaa atagacatga tctctgcctt ctgargctca aratcctccc tctattttta 780
aaaatcaggt ttattgaagt ataattgatg tacagtataa wttactgttt ttagtgga 840
cttctgtggg ttttggcaaa tgtgtaacca acacaattaa gatcyagaac atcctgtctc 900
tcccctcca attttcttgt gtccttttg agtcaacaac tctccccaa ccccatggcc 960
tccatgactt tttcaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aagggcggcc 1020

<210> 1424
<211> 957
<212> DNA
<213> Homo sapiens

<400> 1424
cccacgcgtc cggagactga gtggcttaaa caaaagacat ttattttctc acagtccctgg 60
aggctggaag tccaagacca aggtgttcgc aggggttggt tcttctaagg cctctctcct 120
tggcttgag atggccctgg ttggtcttct gaggtcagg gtccctgggtg tctctttgtg 180
tgtccagatt ttctcttata aggacactgg tgagattgga tgagggggccc cctgacggcc 240
tcatcttaat gtcatcacct ctcttatctc catatccatt cacatacggg ccattgcgag 300
ctaccgggga ttagggggttc aacacataaa ttgggggtgg ggggggtgcag ctgagcccat 360
aaacatgccc cctctggctc gctctcccag ggcattccatc gtagcactta gaaaaatgat 420
cacttctttt ttggctttgt ggtggcgtgt gtgtgtgtgt atttgtatat acacacatat 480
atatataaat acacagacac acatatatac aaacacacgc attcattttc gtccacagtt 540
cctggctcat aactcccaca gcccttgtaa cactcttttg ttacaacatt ggggtgtgtca 600
ggcctcagga gacaactact ctaacctcct gcccttcctt ttacctgccc aagacaggac 660
tctaactctc cctacctttc tgatgggtgg tcataaaact cattccagag acggtccac 720
cccatatcct gctagaagga atgctgctgt catgaagctt ccataaaaac caaggggact 780
ggattcagag agcttccaga taactgaaca tacagagggt ctagaagggt ggtgcgcccc 840
gggagggcac aggaagctcc atgcccttcc ttcatacctc accctatgca tctctttatc 900
tgtatctttt ataatatcct ttataataaa ccagtaaatg taaaaaaaaa aaaaaaa 957

<210> 1425
<211> 1034
<212> DNA
<213> Homo sapiens

<400> 1425
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ctatcatact ggtcaacatg ggctatctaa ttctgatgta cagtctctgc atcatcattc 120
catttttctaa agtgggtttc tcccacagca gttgttaaaa caaggatttg gatacaaaga 180
gattatttaa gaggtgatcc tagacagcag gagagggtga gatggagaag 240
gtgaatacta gtaaaagact acattgatat gctgtaggca cttgaggttt ctgtttgttt 300
gtttgtttgt ttttttgtaa accttcgaga gacttatgga aaacactgta taattgtttc 360

agaaggccca	gagacattaa	gctcagcact	ctctaaagga	gcaacagttt	acagcccttc	480
cagatacagc	taccagggtga	gatgagaaat	tgctgggtctc	tagccatagg	agtgtgttct	540
gggtcccaaa	ttgtcctggg	catcctttgc	cattgagatg	ctgtctttgc	atatagtttc	600
agcagccttg	graaataagt	catcatctgc	ttgtcctcag	gtaataaatt	atgccagaag	660
atgaatacgg	tgatcaaaga	cagacatttt	actgcctttg	gtttccyaaa	argawtacat	720
ggttaaaaga	tgaagaaaaa	agaatgtagg	gtattataaa	tgttcaccag	ccatttaagg	780
gacttgttcg	cgtccttatt	cgtttcctcc	caactttgtc	tagctcctgc	agtgtgatat	840
tcctcggaca	gaatcacaaa	gcctccttca	gcagagttcc	tcccccttca	gaggacatcc	900
tacacagtct	ccaggatata	gttatcgaac	tactgcactg	agacctggaa	accccccttc	960
tcacggttct	tcagaatcat	ccctctcttc	cacgtcctat	tccagccccg	cccaccctgt	1020
gtccacagac	tcgttggccc	catttacggg	gacaccaggg	tatttttagca	gccagccaca	1080
ttctggaaac	agcactggca	gcaatcttcc	aaggaggagc	tgcccttcta	gtgstgctag	1140
ccctamcctg	cagggaccct	cagactcgcc	aacctcagat	tcagtttctc	agtccagcac	1200
aggaactctg	agttccacct	cctttctcag	aactctagg	cgtcattggc	atcagactta	1260
cggactatca	gtctgccagt	gctgggcagt	agctgttaca	ngcctcangg	tatctgcggt	1320
tccaatnaca	gactaccaca	cgtggantgg	gtggnacata	ccgattcagc	atgaaggtag	1380
agtagactaa						1390

<210> 1435
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (14)
 <223> n equals a,t,g, or c

<400> 1435						
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accgtccgcg	gacgcgtggg	ttttaagttg	tcgtcttgcc	tctgtgctct	tgaagttttg	120
agccctttgc	atttggcagt	gtccaggcat	tcaggcctgg	agcccgtgta	gtgccagtgc	180
ctccctccac	gctcttgccc	tggttgacct	cacctaaacc	ctccaaaaag	cagatggtca	240
gactctcttc	ccttcaaact	cttctctgcc	ctgactcaca	cctgggccat	ttcatccagt	300
gagactgagg	gaggagcgag	ggagtcctatg	tttcccctcc	atgacgccgg	gacaggaagc	360
tagactcagt	ctcttccata	tgccaggaa	ggggagtacc	tgactgcccc	tcttggtttt	420
gggagagaga	aaaaccagtg	ctcagctctgg	gaaatgaggt	tttgggggat	tgtgataaaa	480
tagaggacag	gactctgcag	gtcaaggaca	gaggtgcatc	ctgagggcgc	actgcagtca	540
gggccaagtg	gctcactctt	tgcagcttta	gcagcacctt	ggatatagtt	gctgctccgt	600
aaacgtgttg	attgacagag	gtgcaggtaa	aaacctcaga	acagttgggc	ttaaggatgc	660
tacaaaaaaa	gctctgggat	gggatttaat	tttttttttt	tttaactgtt	gttatcagcc	720
tgccaacac	ggtgaaatcc	catctctact	aaaaatacaa	aaaaaaaaaa	aaagggcggc	780
cgc						783

<210> 1436
 <211> 909
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (909)
 <223> n equals a,t,g, or c

<400> 1436						
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aaatatggga	ctcattgtcc	tgtttatgga	gctttttttc	ttttggttga	ctattctttt	120
gtttcctaca	gtcttcaaca	actgttagtg	cttacaatgg	atacatcatg	catcttaatt	180
gataggatgg	atatgataat	accttttttg	gtccaaggtc	ccgctcatta	aaaaaaatag	240
tttataaagc	tgaaaagttt	ttatttctat	tttttgtaaa	atgattttca	tgataggatt	300
ttatataaag	gggaagggtt	ttttgtatca	tttttataac	atttttgaaa	tgagtactta	360


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<400> 1438
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accactaat gtcattacac cagaatgaaa tctgctttga ggcttgatt gttgttttcc 120
ttccatttct tccccctcat catttccttt agaaggaaaa gggaaggaaa aaaaaagaaa 180
aaaatcagag acctgtaaac atttaagagt gaattggaca tccccacagg ctaaaccctag 240
agttgtcagc tttcattcca ttctgctgtg atagagtgtt ctgcccagta tgtatccaca 300
tggagcctgg aaagtaacaa gtctgggtcat gtgacaactg gctttgggtgc tttgctttca 360
gccctcaga attagttcct aatgggtcac atagctccct gccagcatcc cgtcactggc 420
acgttaaacc ttttcaaata attcctcaga atagagattc ttaggagagc actaaatttc 480
tccattcttt gtgtttaatt aaactgttct tgcattttta tatttgccag ataagcgctt 540
aagacattac gatacaggtt gagtatcctt aatctgaaaa tctgaaatcc gaaacttttt 600
gaccctgaca tgacgctcaa aggaaatgct cattttcgat tttggatttc agatttggga 660
tgctcaacca gtaagtataa tggcaaactt attccaaaaa aaaaaaaaaa aa 712

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<210> 1439
<211> 680
<212> DNA
<213> Homo sapiens

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<400> 1439
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ctagccagtg agcacctctc aagcagaatt atcttctctg tttctctggc accctaaata 180
tttggtgaat taatagtcct tctctctctt tgtaattttg ctttctgtaa tagaagctta 240
attttaagta tagttatata agtaatcaaa atgaatcaca cactgagaaa tcaatgtgga 300
tgccctttaa gggttctggt atttttttta ttgccattga gtaaaataag atactctgtg 360
ataaagtata tttagcattaa agtgttcaaa tctgatcttt attagtaggc ctcaagtga 420
tccttgctga catttaagggt ttatgacatt tccttcacgt tcgttcttga ctggaaggca 480
taaattggctg acagtaaaga gcaattaata attttccaag taaaacattt tcagggacat 540
ctgcctttat tgctccccag atgagagtag agcctgtttc ttatgtgttc caaagatgat 600
ttccctatca gctttttggt cagttaacca aaaaaaaaaa aaaaaaaaaa agaaaagaaa 660
aaaaaaaaaa aagggcgggc 680

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<210> 1440
<211> 1004
<212> DNA
<213> Homo sapiens

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<400> 1440
ccacgcgtcc gcccacgcgt ccgcagtggt gtacagcaga tctctagagc ttattcatca 60
gttaaggaag ataagctcag gaaaatgtat ttttaatgtg aaatgtcaaa aggacttagg 120
aaagaaagtc atgttttctt cttgctgttc agtaatctag tcattaccaa acaatgttat 180
caatgcataa catataaaca ttccataaatt cattttcatt tctagaggaa actagttagt 240
aaaaacaata tcttcagggt gcagtgaaag gaagcagaga tcatggccgt ttggatttga 300
gtgaattctt tcaacacaaa tcaatgattt tatagacata tataggtttt tgtcagggtt 360
ccttagcttt tgcattctca aatctatttt tgctagggaa ctgtataata gctcatctgt 420
cttaccctcc ttgtctcaga gccagggtt ctgtgccttt tccaatctga aaagcctcct 480
ccttgctctc gtcccttttg gcctcatgta acttttttaa ggcccacttt aaattccacc 540
actctataaa aagcttctcc aactattcta cttttcaatg gctctcagtt tcttcataa 600
tactttggac ctttttagctg atcctgactc tcttgacta cagtgtaaag gttctgtatt 660
tatgggctgc atactggcat gatgcttctc agttatgtat gatcatatag tcgctttttc 720
aggacaaaac tgtgtcacag tgttacagca aaatctataa cacagtgtcg gcatgtaaat 780
tcagctcagt gaatgcttat taaacattaa cgtaatcctt gttgctttct ttattcaacc 840
ctacagtga aattttctggg tgcttggagt aactaaaata tatttgcaga tatttaattt 900
caacttttac acattaaaca agtagaaaac catgtcttca aaaacatatt ctttaaaagt 960
gattgtttag ggcaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaa 1004

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<210> 1441
<211> 1305
<212> DNA
<213> Homo sapiens

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<220>
 <221> SITE
 <222> (329)
 <223> n equals a,t,g, or c

<400> 1441
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 tggcaggcag agcttgttct gctccccacc ctcccttttc ccatagtaac catttatagg 120
 acatctcact gttgtctact ctgtgttgcc tctgcttccc tgcttgtag atctaggaat 180
 cttaggattt cttagtttta gctgggtgat cgtatctttt tcttaattcc attgtaactt 240
 cagcttttct tattgcttgt aggaaggctg tttccattga atacaaacaa aataaaaagct 300
 tttattctta atcttagaga taggatgtnt gtatttaaaa ataattgtgc tgtcaaaatt 360
 ctgtcaagtt ggcttttacc acattagttt tttttaatgt ggtttatatg accctgragt 420
 accttgtctt ctactgtta aattctcaac tgagttgtcc ctattttaaag tgtgagactg 480
 tgccagtttg attttaaaat attgcaagtg cgttatggca agataaaact gcaaagaaaag 540
 aaccttcattg tccctttgat tataaatgct tttggcactt gtttctactt tttcctaattg 600
 ttttttgagg aaagaacctc caactctcca gacaggctctg ggggcaaatg actaaaacat 660
 gaactgaggc cctgggctgt ctctgtgagg atatccccctc tattctctct gaaatgtccc 720
 agcatgtggg gcatttcttg ttagtgtgga ctctctctgta tataacacat cttatttatc 780
 ttctgtgcat aacatgaagt agtgccttaa tgcaattcca ggatgtaatt cagcatttct 840
 ataaaaatac agtgtttttc tacatttgca tcaaaaaata accagataat tatattttatt 900
 aagaaaatag catttttggc tgggtgtggg ggctcacgta atcccagcac tttggggaggc 960
 cgaggcaggc agatcacttg aggtcaggag tgaggcaggc agatcacttg agatcaggag 1020
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 ctggcgtagt ggtgcatgcc tgtaatccta gctactcagg agactgaggc aggagaatca 1140
 cttgaacttg ggaaggggag attgcagtga gctgagattg tgccactgca ctccagccta 1200
 ggcaacagag tgagactctg tttcaaaaaa aaaaaaaaag ggcgggccgct ctagaggatc 1260
 caagcttacc gtacgccgtg catgcgacgt catagctctt ctata 1305

<210> 1442
 <211> 813
 <212> DNA
 <213> Homo sapiens

<400> 1442
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 actagtaaga gacttaaatc caggggacct caggaggtaa tacaaaagaa ttttgtatta 120
 cggaattgtt tacctagaat ttgaactcgg gagagaatcc ctgtgtagga gtatatttct 180
 gcaaagaaaag tgcttaaaaga aatgggttctt ccttcaatct gtttctttga tttgtatcag 240
 attaggggaag gggaagctat ttgttggtact tttcattttg gtaaaatctg aatgagtatt 300
 gagaatggct cttgagacag tagtgcactt tatattgctt tccttactgg tttttatgta 360
 tgatttatta ataggcaaaa atctcattat ggtgagctta atgacaaatc agtttgtttt 420
 aaacacattt tattaaaata catttagttt aaaaagtaaa tttccaaact accagctgaa 480
 tacaactgtc cagattcttg caaggaaaac caaatgctag agaaggccag gcgcgatggc 540
 tcaactctgt ggtcctagta ttttgggagg ccgaggcggg tggatcagtt tagctcagga 600
 gttcgagatc agcttaggca gcatgggtggg accctgtctc tacagaaaat acaaaaatta 660
 gccggagggg aggcattgtc ctgtagtccc agctactcgg gaggtacag cagggggatc 720
 gcatgggcct gggaggcggg ggttgtagtt agccaagatg acaccattgc attccagcct 780
 ggggtgacagg agtgaaatcc tgtctcaaaa aaa 813

<210> 1443
 <211> 1694
 <212> DNA
 <213> Homo sapiens

<400> 1443
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 tagccttggtt ggtagtattt tatatattcc taaatactat tgtaaaatac tccctcaata 120
 aatcctgcac gcctttaaaa gtccctctca aaataatctg tttattcggc aggtaattgc 180
 caatgtgttt tttgggtggg atctttcatc ggttttccac attgttgtaa cagtgtgggt 240

catcactgta	gccacgcttg	tgtcattgct	gattgatgcc	tcgggatagt	tctagaactc	300
aatgtgagta	cgtgcaaaga	tttaccctt	cactctaaaa	ttctctttaa	aagataatga	360
ttacatttaa	cataagatgt	attttcctta	acaaaagtgt	cacttttgaa	gtgggaatca	420
aaatatgttt	gtaatagtaa	atatttcaat	gatgattctg	tgcactttgt	gggactatat	480
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tgttggcctc	tagtggataa	ggccagggat	atacatccca	caatgtgcag	gtctctcaca	600
caaaaaatta	tctgatccaa	aatgtcaatt	gtgctgaggt	tgagaaaccc	tgggttagag	660
tactttgcat	atctcattta	ctataacaca	taaatgttac	taaaaatagc	tataaattaa	720
gtggatttgg	actttgctga	ataataatat	tctagtgaag	tttatgagaa	atatgaaagg	780
attcaagtta	tatccattca	cttgctatga	caaaatttct	ttttctttaa	atatttttct	840
ttctccagat	ctttctttta	tagtctgcac	tgccatcaac	caaatagaag	tcctcataat	900
atcacagttg	aattaatccc	agctctgttt	caactatcat	gtatttaagt	tctgctttca	960
gtttatcggc	attttcctac	cagagcaagt	ataaattccg	ttgcttctac	cttcttgtct	1020
tctgtgtaaa	actatttccc	atttacttcc	caaaatttat	gttcagctct	agtcaatcta	1080
attttttggc	ctgtgaataa	gccatatcaa	ttctttccat	tattctttgt	cctatctgtc	1140
ttttatttcc	gataatgatt	atttttcttt	catttctgtc	caaattttac	aaaaacttta	1200
agatccagtg	caacttetaa	ttcctttatt	cacattcact	gatcatatat	ttattgagta	1260
attactatgt	gccacacaat	agaatataag	gatgaatgca	ataagaaaag	acctgtgcat	1320
tctcacaaat	aaacataaaa	gttcaactgc	aatatagggtg	atgaagacag	aggaggccag	1380
gaacggtggc	tcacgctgtg	atctcagcat	ttttggaggc	caaggtggat	ggattgcttg	1440
agcccaggag	ttggagacca	gcctgggcaa	cgcggtgaga	ccccgcctct	acaaaaaatt	1500
agccgggttt	ggtggcatgt	gcctgtggtc	ccggctactt	gagaggctga	ggtgagagga	1560
ttgcttgagc	ccggggaggta	gagggtttcag	tgagctagat	gcaccactgc	actccacctg	1620
ggcaacagag	tgagacccgg	tctcaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	1680
aaaaaaaaaa	aaaa					1694

<210> 1444
 <211> 865
 <212> DNA
 <213> Homo sapiens

<400> 1444						
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ggaacggtga	cagattgact	gggatccct	cgcacatcct	caacagctcc	ccatcagacc	120
ggcagattaa	ccagctggcc	cagaggctgg	gccctgagtg	ggagcccatg	gtgctgtctc	180
tgggactgtc	ccagacggat	atctaccgct	gtaaggccaa	ccacccccac	aacgtgcagt	240
cgcaggtggt	ggaggccttc	atccgttggc	ggcagcgctt	cgggaagcag	gccaccttcc	300
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tggttcaaaa	tatatatcca	tatatatata	tatccatata	tatatctcat	gtcatcacat	720
tacaggcagg	tgtctcatat	gttaaacatt	tacctgaatg	ttgtctgagg	actgaactgt	780
ggactttact	attcataatg	ataaaaataat	aaaatgcgaa	ttactattta	taatgtgcct	840
cactcatgag	aaaaaaaaaa	aaaaa				865

<210> 1445
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1445						
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ggcagatgtc	acccaagtat	tctacataat	atgattttcca	tctaaaatga	aaagaattat	180
atttatat	ttaaagctgg	tatactgctt	ttgcaagtta	tttttttttt	aaagcaaagg	240
tattttaaag	gacaagtaac	aaggacaga	gtaactatta	aattaattat	cttcttttaa	300
agtgcacaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaa			337

ccagtaatct	cagaaagtga	agttttccag	cagttcctaa	atttccgaga	tgagaaggaa	1140
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gtggggaagt	tcaccaaggc	catggatgac	ggcgtgaagg	agctgctgac	ggtggggcag	1320
gagcactgga	agcgtgacac	gggcccatta	cccaaggaat	atcagaagat	aggaaaggcc	1380
ttgcagagtt	tgccacagct	gttcagttcc	agtggttatc	aaggtgaaac	agatctcaat	1440
gatgcaataa	cagaagcagg	aaagacttat	gaagaaattg	ccagtctcgt	ggcagaacag	1500
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gcagaaaagc	tgaggcaggc	cctcagccgc	tttccagtga	tgtaggacag	aacgggcctt	1860
gaagagaatg	ccgcgtgctt	tctcctgact	tggggcaatg	caattcaaaa	ctttttttcc	1920
cctattattc	agaaaaaaa					1940

<210> 1448
 <211> 1469
 <212> DNA
 <213> Homo sapiens

<400> 1448						
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ccctctgtgt	cagcaacctg	catgaagagc	atcatccctg	caagtcctca	aggcctgggg	180
aggcctcatc	ccctcctcat	ttcagcaaca	gcacacagga	caatacgctc	tagaagaact	240
ctttgactta	aaggtatatg	attgtatttg	ttcctttaac	atgaacgtga	gtctggagaa	300
acagctacgg	ccatcccagc	cctggccaag	gggaaaatgc	cggaagactc	caggggtggga	360
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gcaagaaggg	agcaccgtgg	agaagtcagt	ggcccttgca	gaatgttcat	aggttccagc	1320
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agccagaaaa	aaaaaaaaaa	aaaaaaaaaa				1469

<210> 1449
 <211> 1013
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (10)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (13)

<223> n equals a,t,g, or c

<223> n equals a,t,g, or c

<213> Homo sapiens

<210> 1451

<211> 2122
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (845)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (848)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1100)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1745)
<223> n equals a,t,g, or c

<400> 1451
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agagaacatt ccttcatttc aggaggacac agagcaggct aggtctgccg cgaagactcc 180
tatagagaga agagtattct taaactagat tctgatggac gcaacaccag ttgcataatg 240
gttatgacaa tcagtgcctg ggtttttgac caggcatttc atggtcaccc ccacgctaata 300
ggaaagtctt tggatcttat ttgtttatag tgagtgtatt gtagttttca gaacggaggc 360
caggccaaac gtattccaaa tgaaaagaga atagggtgtca aatgctwwac cttwtatctt 420
cgtgtttggca ctgttgccat ccccgccctc tcccgacatc cccgcccctg accagcatcy 480
ctggccttgc ccagcattgt ctatgtattg gcactcttgc catccccgcc ctttcccagc 540
agagtctcac tgtgtcacc cggctggagt gcagtggcga gatcttggct cactgcagac 600
tcaactgaac atccacctcc cgggttccag tgattctcct gcttcagcct cctgggtagc 660
tgggattaca ggcacgcgcc accacacctg gctaattttt gtatttttag tagtcacagg 720
gtttcaccat gttggccagg ctggctctaa actcctgact tcagggtgat caccctcctc 780
gtcctcccaa agtgctggga ttacaggcgt gagccaccat gctcagccct actcttgat 840
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agtgtascgg cttgatctca gctcactgca acctccccyt cccaagttca agcgattctc 960
tgcytcagcc tcccgaatag ctgggattac aggcacccgc tgtcatgcct ggctaatttt 1020
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acgcagcccc ttcccggagt ctggttttag gctgcgtgct caagagtctg gtttggggct 1980
gggtcttccc atcgccctgg aggaggcttt tgtctcatct catgattcac attaaactct 2040
gtgccatgaa gcttaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2100
aaaaaaaaaa aaaagggcgg cc 2122

<210> 1452
 <211> 643
 <212> DNA
 <213> Homo sapiens

<400> 1452
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 tttcatttct tgtaaataatt tgcaccagga agccaaaagg gggaaaaaatc atgctatctg 180
 tactagaaaa tttaacctgt attactgtta tctaataatgc tttagtggtc ttcagactat 240
 tctaataatta agcatgttct ttaataaccac caaataatat tcattgttat gcacaacaac 300
 tgcaaagaga ttgagtccca agatctacaa aggattgtga gagttgggtg ttgagatttg 360
 tcacaatcag aatgggactc aactgggtacc cacagtctta catttactca aatttaaatcc 420
 agttcaaaat tttactactg catgctttta ttcaaataga ccacaaatgc atgatttaaa 480
 gactgctggg attacagggt tgagccaccg cacctgacct taaaccagcc cttttgggta 540
 gcatcattga ctaataactga cccaaacagc tctaattctc agccctactc caaaaaaaaa 600
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaactc gag 643

<210> 1453
 <211> 608
 <212> DNA
 <213> Homo sapiens

<400> 1453
 agaactagt gattccccgg gctgcaggaa ttcggcacga gctcaaactt taaatgggta 60
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 atggtctcaa tctcctgacc ttgtgatcca cccgcctcga cctcccaaag tgctgggata 180
 acaggcgtga gccaccacgc gcggccaggg ttctttttgt atgcttttct ctctgctgca 240
 tttgggattt ttgtcatatg agtctaactt aatacttttc cagatggcta tccctatccc 300
 tgggcagttg gttaaaaagt cgtttttccc ctactgatt tgggtcgcag ggactgggca 360
 tgttcctgtg tcttctgggt cttatcccac cctgttttca ttacagtaag tttcccctga 420
 gtcataaag ctggtcctct ttcactttct tttcatgggt tttttggctg ttacttgctt 480
 gttaattttt ccatatgagc atggtagtgc cagaactgtg gtttttactg ggatcgattt 540
 aaatttacaa attgtatcgg aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 600
 aactcgag 608

<210> 1454
 <211> 1277
 <212> DNA
 <213> Homo sapiens

<400> 1454
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 tgagctgttc tccagccgct cgaagtatgc acactcgtct ccatggccgg cgttcaccga 180
 gaccattcac gccgacagcg tggccaagcg tccggagcac aatagatctg aaggcttgaa 240
 ggtgtcctgt ggcaagtgtg gcaatgggtt gggccacagag ttctgaacg acggccccc 300
 gccggggcag tcccgattct gaatatccag cagctcgtcg aagtttgtcc cttaaaggcaa 360
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 ggaaggcagg gcgcagtggt tgaaacatca ggacactccc aaggccccgg ctctgaacaa 540
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 gccgcccctg ccagccgccc tggccctggt cactgcatga tccgctctgg tcaaaccctt 900
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ccccatctta	agtaattact	ttctggagta	atcagggtga	aatccataga	caaataaaaa	1260
aaaaaaaaaa	aaaaaaa					1277

<210> 1455
 <211> 1982
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (666)
 <223> n equals a,t,g, or c

<400> 1455						
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ctaggcccag	ttctgtcact	ggctcactaa	atgacttcag	gcatgtccct	ctcctatttt	120
gaacttcagt	tttctcttct	gtgaaatgaa	agccttggac	taggcagcgt	ctaaaggctc	180
tgctactccg	taattgtgtg	actttggtaa	ctttgtttga	cttctccttg	cttaagtttt	240
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tattaagtat	gatgactgat	gactaatata	tgacagccag	ctcttacaca	gtgctttcta	360
tatcctggac	tggttgtaagt	gcttttaata	cccgaacaaa	tcccatctcc	attttacaaa	420
tgaaaaatag	aggtcacacg	gctaatacgt	gtcagagttt	ggattaaaaa	ccagaaaaat	480
ctgtccccag	agacaatgat	tttaactagc	atgccctttt	gctcaataaa	tgtaatttcc	540
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cagaggaacc	tcctccaccc	aggggaagtc	taagtgaatg	tgcatcctg	ggaaaccacg	960
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ggtcccagg	ggaagggcag	gctgctctct	gggacagagc	tcccagaagt	ggtaccccag	1380
aacagcacag	cacagctgct	cttcagaagc	atggccagac	tgcttcttta	agcaagtgcc	1440
caatctgttc	ctcctcactg	ggtgggactt	ttcaaccaag	gcctccagca	accctactg	1500
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ggggccacca	tctttgtctg	ttgggcgact	tagctgttcc	ggcctccagg	ctttggagag	1620
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ctcgtcgggc	cggagctccc	agaggaagag	gcaggatgac	atctttgctg	tttcacagcc	1860
ttcactgggt	atagctccag	gtactggaaa	atccaaggag	actaggaact	ggagaagaag	1920
cccagcaaag	tacagcagcc	ctacagaaac	atggccagac	tgttaaaaaa	aaaaaaaaaa	1980
aa						1982

<210> 1456
 <211> 1600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (95)
 <223> n equals a,t,g, or c

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gtgtgtgcc	cgatcatctag	ttagttctta	atTTTTtata	gagacagtgt	cttgctatgt	1380
ttcacaagct	ggtcttgaac	ttctggcctc	aagcaatcct	cctccattgg	cctcccaaag	1440
cactgggctt	tataagcatg	agccacccta	cccagctgga	ggttcttcac	aaaaaaagat	1500
tggctatata	tccaaagaaa	ataaataata	cattctttca	tagcaaaaga	gaggatcagc	1560
atatattaaa	gagtgccttat	tttaccactg	aacaagttgt	aaaagtagac	gttcttaagc	1620
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tggacttttg	aagtagacac	atgagattgt	agcacggaat	cctaaaaatcc	taggccaaaag	1740
aagactttta	gaaatcatag	ttcatactgt	ttcttttatg	caggatttag	ctaattccatc	1800
ttagaaaaaa	aaaaaaaa					1818

<210> 1458
 <211> 1264
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1101)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1136)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1152)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1156)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1159)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1170)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1175)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1197)
 <223> n equals a,t,g, or c

<400> 1458						
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cagataattt	gtttcttact	ccttgactac	cttcttcttt	ttagatggcc	aaatgtgatg	180
cttghtaagcg	acagggtaaa	ctcagtgagt	ccttgaaaatg	gcgaggggaa	atgaaacatt	240

ccagctactc gggaggctga ggcaggagaa tgggtgtgaac ctgggagggcg gaggttgcag 1860
tgagccgaga tcatgccact gcactccagc ctgggtgaca gagtgagact ccatctcaaa 1920
aaaaaaaaaa aa 1932

<210> 1463
<211> 1541
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (282)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (335)
<223> n equals a,t,g, or c

<400> 1463
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tttaaaatac caagggtctc ggaaacctag ggtttgataa gtaagaggaa cagatcaaat 120
tctaaatctc ctttgtccac attgtcattc tccagcttgt tgttcttttc agtgggtgagg 180
taagaatata actcctactt aatgttcctg ttccttaggt gaaacactac caccttttgt 240
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<212> DNA
<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 2128

<212> DNA

<213> Homo sapiens

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<211> 1309

<212> DNA

<213> Homo sapiens

<400> 1467

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<211> 1686

<212> DNA

<213> Homo sapiens

<400> 1468

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Figure 1 shows the results of the regression analysis. The dependent variable is the number of days of absence due to illness. The independent variables are the age, sex, and the number of children in the household. The results show that the number of days of absence due to illness increases with age, and is higher for females than for males. The number of children in the household also has a positive effect on the number of days of absence due to illness.

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860

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 <212> DNA
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Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher than the number of incorrect responses for all groups. The number of correct responses was significantly higher than the number of incorrect responses for all groups. The number of correct responses was significantly higher than the number of incorrect responses for all groups.

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<222> (302)
<223> n equals a,t,g, or c
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<211> 1773
<212> DNA
<213> Homo sapiens
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867

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 <212> DNA
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[illegible]

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869

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<213> Homo sapiens
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[illegible]

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<210> 1500

<211> 1208

<212> DNA

<213> Homo sapiens

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<211> 2141

<212> DNA

<213> Homo sapiens

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<222> (644)

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yttctcgctt ggcagctggt ttatggtaca cttttgaaaa gtaagctccc agggcctggc 240

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<212> DNA
<213> Homo sapiens
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[illegible]

$\langle 210 \rangle$	1503
$\langle 211 \rangle$	1769

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was plotted against the number of trials for each condition. The number of correct responses increased with the number of trials for all conditions. The number of correct responses was highest for the condition with the highest number of trials (10 trials) and lowest for the condition with the lowest number of trials (2 trials).

[illegible][illegible][illegible]

Figure 1. The 1000 most abundant taxa in the 1000 most abundant taxa list. The taxa are listed in descending order of abundance. The taxa are grouped into 10 categories: Bacteria, Eukarya, Archaea, Fungi, Plantae, Animalia, Protista, Viridiplantae, Chromista, and Eukaryota. The taxa are listed in descending order of abundance. The taxa are grouped into 10 categories: Bacteria, Eukarya, Archaea, Fungi, Plantae, Animalia, Protista, Viridiplantae, Chromista, and Eukaryota.

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<223> n equals a,t,g, or c
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<221> SITE
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720
780
840

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<212> DNA
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catcaaagac	cttttgaacc
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taagaaatta	aagggaaaat
gagagatgtc	ccagaagatg
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aatggtagag	tctgggtatg
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gggatcctct	gtcttcacag
	aat

60
120
180
240
300
360
420
480
540
600
660
720
780
840
893

<210> 1521
 <211> 2037
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (22)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (28)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (68)
 <223> n equals a,t,g, or c

[illegible]

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<210> 1522
<211> 1417
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (510)
<223> n equals a,t,g, or c
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<220>
<221> SITE
<222> (696)
<223> n equals a,t,g, or c
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<220>
<221> SITE
<222> (1363)
<223> n equals a,t,g, or c
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<220>
 <221> SITE
 <222> (1389)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1394)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (1417)
 <223> n equals a,t,g, or c

<400> 1522
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 catacagaga tttccagcaa gctctctatg agttgtcata tcatgtaatt aaaggaaatc 180
 taaagcatga acaggcatct aatgttctta gtgacattag tgaatttcgt gaggatatgc 240
 cctccattct tgctgatgta ttctgcata tagacattga gacaaattgt ttagaagaaa 300
 aaagcaagag agactatctt acacagttgg tattagcatg tttgtattta gtttcagaca 360
 cagttctaaa ggaacgcctg gatccagaaa cactggaatc attagggctt atcaaacaat 420
 cacagcaatt caatcaaaaag tcagttaaaa tcaagacaaa actcttttat aagcagcaaa 480
 aattcaattt gtttaagagaa gagaatgaan gttatgccaa gctgattgct gaattggggc 540
 aagattttatc tggaagtatt actagtgtt taatcttaga aaatatcaaa tctttaatag 600
 gatgctttaa tctgggatcc caataggagt tttgggatgt catttttagaa gtgtttgaat 660
 gcagaccagt aatgtacttt ctgtctctgt gatttngcct gttttggaca tttcatttaa 720
 atggaattat gcaataattt gtggcctttt gtgtttggct ttcacttagc atcatgttct 780
 caaggctcat ccatgttgtg gcatgtatca gtactgcatt cctttttatg gctaaatgat 840
 gtttcattgt atgagtgtgt accacatttt atttatccat tcagcaatta atggacagga 900
 acaatggctt ttaagtatta aattgtaagt tcaacattaa atgtatycac agttattgat 960
 aatatcaaga ttatacatgg tgtgaacaga atgctgtgtc gaaatgggtat gtaaattatt 1020
 tgtcagcatt tcatgtaagt gattattttc taaggaccct tctagccctg gttttaagaa 1080
 atatgtgaat gtagtatttt catcaataaa gtttaatgca ttaagcatta gcttaaaatt 1140
 tgaatgaagg cagatgtgaa gatatttgcc acatgttgta ataatcatgt tttgaaatta 1200
 tttcaatatg aagtatttga aaaatgtcaa tacataaagg aaaggaaatg agtataatta 1260
 agtcaatata tttttaaagc aatttttata attttagcaga cactgcatct taatataagt 1320
 tactattaaa attgtgtcct tgtgaaaaaa aaaaaaaaaa aantcgaggg ggggcccggg 1380
 acccaattng ccgnataggg agtcgtatta ctttcan 1417

<210> 1523
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1697)
 <223> n equals a,t,g, or c

<400> 1523
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 gattttacca gtttttctgc tagtgtactt tttctattcc agggccaat ctaaaatccc 180
 acattgcatt tagtttgtgt gtattttctt tctttattat tatttttttt ttggtaatta 240
 agttttttta aaaggtcata gactataggg atttcattta caagaataat atcttcagca 300
 tatggccctt tctgatatg tctgactaat gggtttctaa aatgtatttg cagagattgc 360
 cttgcaacag gtttccatgt tcttccgac agaaccaag tgggaggtgg tggaaccttt 420
 gaaagacata ggtgagacat tggcacgctc attctgttaa aaagacagat cacagaactg 480
 gatccttagt catgctttct gatacgtatc ccaggaacat gcttaaatgc aggtgacttc 540

tcaagagcag	actacctcac	caagtgtcat	ctaccggcca	cacccttcag	ctttatcctc	300
tgtacctatc	caggcaaattg	cattagatgt	ttctgaactt	cctacacaac	ccgtgtattc	360
atcccccaga	cgttttaaatt	gtgcggaaat	atctagtatc	agctttcatg	ttacagaccc	420
agccccttgc	tctacctctg	gagtcacagc	tggattaact	aaattaacta	caagaaagga	480
caactataat	gcagagagag	agttttttaca	gggtgtctact	ataacagagg	cttgcgatgg	540
cagtgtatgat	attttttgggt	tgagtactga	tagtctgtct	cgttttacgaa	gcccactctgt	600
tttgaagatt	agagaaaagg	gctatgaacg	attaaaagaa	gaactcgcaa	aagctcagag	660
ggaactgaag	ttaaaagatg	agaatgtga	gaggctttca	aaagtgcgag	atcaacttgg	720
acaggaattg	gaagaactca	cagctagtct	atttgaggaa	gctcataaaa	tggtgagaga	780
agcaaataatc	aagcaggcaa	cagcagaaaa	acagctaaaa	gaagcacaag	gaaaaattga	840
tgtacttcaa	gctgaagtag	ctgcattgaa	gacacttgta	ttgtccagtt	ctccaacatc	900
acctacgcag	gagcctttgc	caggtggaaa	gacacctttt	aaaaaggggc	atacagaaa	960
taaaagcaca	agcagtgcta	tgagttggcg	tcatcaggac	ctcagtgta	tacagccaat	1020
tgtaaaagac	tgcaaaagag	ctgactttatc	cttgtataat	gaattccgat	tgtggaagga	1080
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acaatactct	aagcattgaa	ccagtgggat	tacaacctat	ccggtttgtg	aaagcttctg	1260
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ggatcacttt	tgtatgtaac	ttttttacat	acattcgata	cattcagcag	ggactcgtga	1440
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tggcaaagct	gggttatttc	aaagaggaac	tctgatgctc	tgcgtgggac	catgcctgaa	1560
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caggtgtact	agtgaatgta	atttatagtt	gccaaaaaaa	aaaaaacctg	aaataaataa	1800
atggttagatt	gaaaaaaaaa	aaaaaaaaaac	tcgagggggg	gcccgwmcc	aattcgccct	1860
atagtgaatc	gtacac					1876

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<210> 1531
<211> 1876
<212> DNA
<213> Homo sapiens
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<400>	1531						
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cttcaggtta	tcttatgatg	aggcttttgc	tatggctaata	gatcccttgg	aaggcttcca		180
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tgtacctatc	caggcaaatg	cattagatgt	ttctgaactt	cctacacaac	ctctgtattc		360
atccccgata	cgtttaaatt	gtgcggaaat	attcagatc	agctttcatg	ttcagacc		420
agcccccttg	tctacctctg	gagtcacagc	tggattaaact	aaattaacta	caagaaagga		480
caactataat	gcagagagag	agttttttaca	gggtgctact	ataacagagg	cttgcatgg		540
cagtgatgat	atttttgggt	tgagtactga	tagtctgtct	cgtttacgaa	gcccatctgt		600
tttggaagtt	agagaaaagg	gctatgaacg	attaaaagaa	gaactcgcga	aagctcagag		660
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acctacgcag	gagcctttgc	caggtgggaa	gacacctttt	aaaaaggggc	atacaagaaa		960
taaaagcaca	agcagtgtca	tgagtggcag	tcatcaggac	ctcagtgtga	tacagccaat		1020
tgtaaaagac	tgcaaagagg	ctgacttata	cttgtataat	gaattccgat	tgtggaagga		1080
tgagcccaca	atggacagga	ccgtgtcctt	tcttagacaa	aatctaccag	gaagatatct		1140
ttccatgttt	aacattctca	aaaagtgaat	tggcttcagc	tgttctggag	gctgtggaaa		1200
acaatactct	aagcattgaa	ccagtgggat	tacaacctat	ccggtttgtg	aaagcttctg		1260
cagttgaatg	cggaggacca	aaaaaatgtg	ctctcacttg	ccagagtaag	tcctgtaaac		1320
acagaattaa	attaggggac	tcaagcaat	attattatat	ttctcctttt	tcgagatata		1380
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aacagcagga	tgttgatcag	atgtttttggg	aggttatgca	gttgagaaaa	gagatgtcat		1500
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ctccccgaat	aactgaaaaa	tggctgaata	tttttatggt	tacttgatat	ttattttccaa	1620
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caggtgtact	agtgaatgta	atztatagtt	gccaaaaaaa	aaaaaacctg	aaataaataa	1800
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atagtgaagtc	gtacac					1876

<210> 1532
 <211> 1133
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (38)
 <223> n equals a,t,g, or c

<400> 1532						
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agtgtgwtcc	ytagtggtta	wactgggaag	tgtgtggaga	atttaagggtg	cctgctctgc	120
tgctcyggat	ggctgaaggc	tccygggccca	tcttcatgtg	ctgcttgaag	agctcctatt	180
ttgtactcct	ggctagaatg	ctgtggaaca	aatacaaagt	gaaaaaagtt	ctctgtagat	240
ttctgaagtg	catattcatt	gatgccaaaga	aaaaaaaaaaa	gttgcctttt	tgaagtgatg	300
ttttttgctg	tcttcttaaa	cacaaggctt	ttttgaatga	ttagtatatt	tcatggtaaa	360
gaaaacagcc	tgtctggctc	aaagcaatta	aatagaatgt	aatgggtgagt	acaaatgagt	420
gcacatgtca	ggactcaggt	ctaactcctt	gtctcctgag	cctaaagatt	gcaacataca	480
caagaacaca	ctcctattcc	taccccacac	actcaggggac	aagcccaact	aaagcttaca	540
aggagaccag	ggtggctctg	tccaggggag	aagccagttta	tggaaacagtg	cattgagagc	600
catggtagga	gaggcccaca	gttctctgga	gcatgcagca	ggggcaccac	acctggcctt	660
gaggatcagg	gggagtcaaa	ggataaaagca	tggggctgat	gacgtctgag	ggagtgtgat	720
cctccatgta	tggcctctgc	ctgctgtctc	acatgtccct	tctgggtggtc	acttggggtc	780
taggagtata	cgtcacctca	gacctctggt	cagaaatact	ccaggctcct	accccaaagc	840
acatgtcagc	cttgcctgctg	gagcacgaag	acaatgtaaa	tgaacatga	aatggaggag	900
ttgtgagacc	ctgacctgta	gtccttactt	gaaagctgct	gctgggtgttc	tgagtgtcct	960
ttggactcct	atttcttgcc	cttttccctta	ttaggcaagc	agtaacttag	gaagtaggta	1020
agagcaataa	atgtgacatg	ttatgtcatc	atagtaggag	ctcatgggaa	taaaagtcag	1080
tggcttgatg	cttctgttag	aggcaaaaaa	aaaaaaaaaaa	aaaaaaaaaaa	aaa	1133

<210> 1533
 <211> 1609
 <212> DNA
 <213> Homo sapiens

<400> 1533						
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ttggteccctg	ctattgtcgg	ggacgattgc	atgggctacg	ccaggaaagt	aggctgggtg	120
accgcaggcc	tgggtgattgg	ggctggcgcc	tgctattgca	tttatagact	gactagggga	180
agaaaacaga	acaaggaaaa	aatggctgag	ggtggatctg	gggatgtgga	tgatgctggg	240
gactgttctg	gggccaggta	taatgactgg	tctgatgatg	atgatgacag	caatgagagc	300
aagagtatag	tatggtaccc	accttgggct	cggattggga	ctgaagctgg	aaccagagct	360
agggccaggg	caagggccag	ggctaccggt	gcacgtcggg	ctgtccagaa	acgggcttcc	420
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ttatttttcag	cgggaaatga	agaaaccaa	cttcagggtc	tgaactcct	tttgaatttg	900
gctgaaaatc	cagccatgac	tagggaaactg	ctcaggggcc	aagtaccatc	ttcactgggc	960
tccctcttta	ataagaagga	gaacaaaagaa	gttattctta	aacttctggt	catatttgag	1020

aacataaatg	ataattttcaa	atgggaagaa	aatgaaccta	ctcagaatca	attcgggtgaa	1080
gggttcacttt	ttttcttttt	aaaagaatth	caagtgtgtg	ctgataaggt	tctgggaata	1140
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gaacatatgt	tcccaaagag	ccaggaataa	caccttgatt	ttgtaattta	gaagcaacac	1260
acattgtaaa	ctattcattt	tctccacctt	gtttatatgg	taaaggaatc	ctttcagctg	1320
ccagttttga	ataatgaata	tcatattgta	tcatcaatgc	tgatatttaa	ctgagttggg	1380
ctttaggttt	aagatggata	aatgaatatc	actacttggt	ctgaaaacat	gtttgttgct	1440
ttttatctcg	ctgcctagat	tgaaatatth	tgctatttct	tctgcataag	tgacagtga	1500
ccaattcatc	atgagtaagc	tcccttctgt	cattttcatt	gatttaattt	gtgtgtcatc	1560
aataaaattg	tatgttaatg	ctggaaagaa	aaaaaaaaaa	aaaaaaaaac		1609

<210> 1534
 <211> 1359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (808)
 <223> n equals a,t,g, or c

<400> 1534						
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agctgctgct	ggctctgtcc	tggctcttgg	cccaggacc	tgtgcccag	cagatgctgg	120
cccaggccc	agtgcctctg	ggtgacgaga	tgactgtgtg	ccagtgtgag	gccctggcca	180
gccctggccc	acctgcaccc	cacatggaag	cagagggctc	tgtggatgtc	cgccatgtgc	240
agtggctgat	gggaaagctg	cggttccggt	ggcgccagct	ggtgtccagt	cagcaggagc	300
agtgcgccct	cctgagcaag	atccacctgt	acacacgagg	ctgccacagc	gaccagagcc	360
ttagccatct	gtctgtcact	gaagcagaga	tgctcagggg	accagagggg	aggccagcag	420
ctgctgcggg	actctggagc	gtgagaacca	gcgcctggag	gctgtcctgg	cgtggcgggc	480
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gcgcagcgcg	gcggcctggg	aggccaaggc	tggaggctgt	ggacgggggc	cagagtggag	720
tgccgcgcgg	cgggcctctc	gggaggctgt	ggaaaaggag	ctgggagctc	tacagcagtg	780
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ggccaggtctg	gtgggagccc	gccctgggtct	catctggatc	ccgccacctg	gacgctgagg	1020
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ggagcagatt	ccaaggccag	gtggccgcag	ggacgatgca	gatgcagagc	ccacgtcaca	1140
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gcactgggga	caggaatggc	tggctccctg	aggaggtcgt	gacaggctca	gcctgggtgt	1260
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aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa			1359

<210> 1535
 <211> 1490
 <212> DNA
 <213> Homo sapiens

<400> 1535						
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ctggcagtg	tcccactgat	gccggttgta	ggtcgaaagc	cagacatctc	tctagtgtatg	120
ggtgcaggct	tgctgggttct	tctgttatcc	ctgtgtgttg	taacatctct	catgaaaaga	180
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ctacttctaa	gcacagggta	tgaagctctc	tttccactag	tggtgtcttg	tttgatgttt	480
gtctggataa	acatagaaca	agaaactcta	caacaatctg	gtgtttgctg	taaacaaaag	540


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<400> 1538
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ctttgccttt tagtggggat cactcctgcc cgagtcctgg ctgtgggtgg gactctgcaa 120
gttgctaacc cagcgtccat tctctttcct ccgtactaac agaaccctgg tgccctctgcc 180
cagttccaat agcgggcaga cgagagccat gtcctgggct cccttgacgc ccgggggtgtg 240
cagctgtggc gtggaggtgg gtgggtgctgg gagagacttg cagggaagct cctgtgaagg 300
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gacagtggag cagaacacag gaaggaccct gggcctttgc tgacgcagaa cgcggaagg 480
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gtgagaaaat aaatgcaccc ctctctggtt taacacacac 580
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<210> 1539
<211> 1224
<212> DNA
<213> Homo sapiens
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tccgctatgg gaaaaccaag tgtggggagc cgtcgcgccc cgccgcctgc cgagcctttg 240
atgtcccaa gagatatttt tcccactttt atatcatctc agtgctgtgg aatggcttcc 300
tgctttgggt ccttactcaa tctctgttcc tgggagcacc ttttccaagc tggcttcatg 360
gtttgtcag aattctcggg gcggcacagt tccaggagg ggagctggca ctgtctgcat 420
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<212> DNA
<213> Homo sapiens
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <211> 1178
 <212> DNA

<213> Homo sapiens

<400> 1545

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<212> DNA

<213> Homo sapiens

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<211> 954

<212> DNA

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D

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F

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H

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J

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U

V

W

X

Y

Z

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<213> Homo sapiens

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<213> Homo sapiens

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<220>
<221> SITE
<222> (1021)
<223> n equals a,t,g, or c
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<220>  
<221> SITE  
<222> (1977)  
<223> n equals a,t,g, or c
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<212> DNA
<213> Homo sapiens
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902

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<210> 1557
 <211> 748
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 1558

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<210> 1559

<211> 1572

<212> DNA

<213> Homo sapiens

<400> 1559

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 <212> DNA
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<213> Homo sapiens

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<213> Homo sapiens

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<400> 1569

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<210> 1598

<211> 1300

<212> DNA

<213> Homo sapiens

<400> 1598

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<210> 1602
<211> 1110
<212> DNA
<213> Homo sapiens
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gggcagggtta	gaaagttaaa	gatattgggtc	aaatgattgg	gcaattcacc	tgttttcatt		300
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ggctaccctt	tgatgtgaca	ttcagctggg	atcagtggt	tattaaagt	aacttgattg		960
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```
<210> 1603
<211> 639
<212> DNA
<213> Homo sapiens
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<400> 1603						
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ccaaatcatg	ctcctaattt	tgaatgtgca	ggtgcggttt	ttgggtgatt	gggttctttc	240
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<210> 1607
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (80)
 <223> n equals a,t,g, or c

<400> 1607						
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ggcggagggtg	ggaggactgc	ttgagttcag	gagtttgagg	ccagtctggg	caacatagcg	360
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<210> 1608
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (740)
 <223> n equals a,t,g, or c

<400> 1608						
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tttctgaaaa	tttagtcttg	agaaagacgg	acaggctatg	gggacatgga	gcaaagctac	420
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agaaccttg	tsggggggtg	tggtctacgc	ctgtaatcca	gcamtgttga	agccgargca	660
rgtgatcac	aaggtcagaa	aatcaagacc	atccttgcca	atatsgtgaa	accgtgtctc	720
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<210> 1609
 <211> 1440
 <212> DNA
 <213> Homo sapiens

<400> 1609						
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tccatgtgcc	aaatgattaa	tgaagtatta	atatttatca	aatctactga	tttatcaata	120
acttgattta	aggaatatgc	atctggaata	tatcatatat	gaatatgtac	ttttttactc	180


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<210> 1613
<211> 731
<212> DNA
<213> Homo sapiens
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<400> 1613						
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cagatgctca	c					731

```
<220>
<221> SITE
<222> (642)
<223> n equals a,t,g, or c
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```
<210> 1615
<211> 1000
<212> DNA
<213> Homo sapiens
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[illegible]

```
<210> 1616
<211> 1122
<212> DNA
<213> Homo sapiens
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<400>	1616					
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```
<210> 1617
<211> 996
<212> DNA
<213> Homo sapiens
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```
<220>
<221> SITE
<222> (190)
<223> n equals a,t,g, or c
```

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<220>
<221> SITE
<222> (985)
<223> n equals a,t,g, or c
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<400> 1617

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<210> 1618
 <211> 2111
 <212> DNA
 <213> Homo sapiens

<400> 1618						
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taatactccc	attatagaac	tggaaacaaa	caaagtgcag	gacgtgggac	aaatcagtta	2100
aatactctcg	a					2111

acatggcccc	caagctggat	tggtgcctgc	gttcgttccc	agcgtgccc	tgaaaagtga	780
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cctttataaaa	gacaccagtc	attggacata	agccccacct	tactccagtg	tgacctcatc	1080
ttaaataccat	gacatctgca	aaggctccta	tccaaatggc	ccttatccca	ataaggtcac	1140
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<210> 1630
 <211> 1626
 <212> DNA
 <213> Homo sapiens

<400> 1630						
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gcagccagcc	aggcagggag	tcattaccta	gctctttcac	ttactcatgt	gccaatgtga	180
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gtgactgtga	agccaagtga	aatctcacac	ctacctcaga	ggcctttttc	ccactctcct	300
tttctgactc	ttttaatat	ttctcaatta	tttatagtaa	taataataat	acaatgccaa	360
ttgttcattc	attcatccat	ttaaataccca	aaggaattta	aaagaagagt	aacattttaac	420
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ataacaacaa	taataatagc	aagctcatat	aagcaagaag	caatagtcag	tgtgtcatgt	540
tttgggggaa	ttaagaattt	caaatagttc	attttaacac	cacctttctc	attccttatt	600
ctcctacccc	actggcctga	tcacttctag	aaacttccag	attctttacc	tcttcatgac	660
atttataaatt	gctgttcttt	ttttggaggt	acaatatata	tataaaattt	accatcttta	720
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aattgaacag	aatgtggtgt	ctgactagaa	ataaaaagac	aatctagaga	agtccaaaat	1500
gacttataga	tttctgacct	gggcaagtga	atagattaga	aaacaagatt	tgtagggaaa	1560
gatgaaaaac	agttattgga	tattttgaat	ttgatgcaat	tattggatat	gtttcagctc	1620
ggagct						1626

<210> 1631
 <211> 1347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (830)
 <223> n equals a,t,g, or c

<400> 1631						
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ctgcttgctt	ggctcagctc	tacatatcct	ccagctctca	gcttaaata	cagttcctgt	180
agggaaagcct	tttctgtcac	ccagtctagg	attgcactca	ttatatgctc	ccaaatatag	240
tgctcccttc	atggtgcttg	gtatgcctag	tgcaattctc	gtttactttc	ctgagtcctc	300

aagctggagc	tccaccgcgg	tggcgncgc	tntagaacta	gtggatcccc	cgggctgcag	120
gaattcggca	cgagtccata	cggggagcac	ccagcaaagg	gccccgcctc	ccactctgct	180
ctgtggtggc	catggggatg	ataatttggg	taaaccacaac	tggcttcttg	gagagcaaga	240
aaggatgtga	ggggtagggg	atagaacagc	ccggggcgaga	caaagaacct	cagcccaggc	300
aggtagggaa	cttgagacct	ccaaggtctg	atttccccctc	acccccaccg	gagggctcca	360
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atcactgctg	accctgtcag	cctctgagcc	cttgctcgaa	ggggggcccg	gtaaccaatt	600
cgccctatag	tgagtcgtat	tacaattcac	tggccgtcgn	ttttacaacg	tcgtgactgg	660
gaaaacctgg	ggntacccaa	tttaatgctt	gcaganattc	cccttttgca	anntgggtta	720
taacgaaaag	gccgcaccga	t				741

<210> 1633

<211> 962

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (294)

<223> n equals a,t,g, or c

<400> 1633

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gaggaacctc	acagggttgg	tgtcgtggaa	agtttttgtt	ctggctgtga	aagtaagaag	180
gaacataaga	tttcaggaag	cacctgccat	ctggatgaag	gagattgaga	atggcagcma	240
ttgggartaa	tggattttta	agatatcttg	gtgtgcatta	aatgcactct	tcancccttg	300
ggctttttct	ttagagactg	agtatagatt	tgaattgctt	tagattatat	atTTTTTgaa	360
tgacagctgt	ttctttgaat	gtgactccac	accaagattk	gaccacaaag	ctgcctggca	420
tttacagaag	aagccaaata	taacatggat	caatggtaaa	ccactcttga	taaatacaga	480
gcgggcatct	cagaracccc	gtagcttca	cccttggtgc	ctgagatgct	ggctctgacc	540
ctgggggctc	tgtgaagtc	agcttgaaat	caccctctag	atccaccac	agtcccttc	600
aactctaaaa	gtcattgtgc	aatgccagcc	ttgcctcact	tttagtcaca	gacactgacc	660
acagggaaat	gtagactctt	tctgattaca	catctgagtt	gccacatttt	ggaaaagatg	720
cccttggcat	ggagcctcta	ccggctctgg	gccatggggg	gtggttttgt	gaatgggacc	780
cactgtggtg	ccatggagtc	caggtaacat	gaccagttc	tctgccttgc	ctcagagcgg	840
acgtctagtt	accaccgcca	gcctctgcaa	gacttctctg	attacccaat	atTTTctct	900
tgtctgcaga	catgacttct	cataaatccc	tttgcgtgat	cccctttgga	acagggctcg	960
ag						962

<210> 1634

<211> 943

<212> DNA

<213> Homo sapiens

<400> 1634

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tatgtaacca	actaaaattg	ggttggtgga	ggctgcagaa	agcagagaga	gactaattca	180
ccattgctca	aaataaagtg	tcaatactgt	ctaaagaatg	tactctccaa	acttcacatc	240
aaactttttt	gggatgcagt	gcgatgtggt	acagagagta	acagggtttt	gagtcagatg	300
gctctgaatt	ggttgacact	cttactaact	tggacattcg	aaagttatgt	agtcacttat	360
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cttaggagga	ctaaaataaa	tatggaaccc	aatatcctag	tagatgagta	agagagggtt	540
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gggagttggc	atttgcggtc	actcagattt	tatgcagcca	ggttactgct	ggctctggat	660
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cccaaaatcc	agcattattc	ataatcgcat	ctttcatcat	caatttgggg	aaagtctttg	780

aatgtgacag	ttttaagatg	tgggaccttt	tgggaagtga	taagtcccga	tggctctgcc	120
cacatgaatg	tattagttag	tgcccttgta	acagggctgg	agagtactat	ctacgtaggc	180
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<210> 1638

<211> 570

<212> DNA

<213> Homo sapiens

<400> 1638

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caacttttgt	cccagggaga	cgtgcaggac	ttgaggcagc	tggctgcaga	gttcgtccgg	180
gagtgggagc	agcaggaagg	ccacagacac	aatccccgtc	agcaagaaga	ggaggaagga	240
gctggtggcc	agttgctggc	gggggtctga	gaaacaagac	tcatcagatg	ctgcagcccc	300
cactcctgcc	cagcccaggt	cctccaggga	gaagcctgaa	caaggaagat	gtatctactt	360
tttttttttt	aattatcttt	tattttttgt	agagatggag	tcatcactac	gttggtccagg	420
ctggtctgga	actcttgccc	tcagggtgatc	ctcctgcctt	agcttcctaa	gtagctggga	480
ctatgggttc	atgctaccat	gcctgggctaa	tttttaagtt	gtttgtagat	ggtcttgcta	540
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<210> 1639

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1024)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1127)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1160)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1728)

<223> n equals a,t,g, or c

<400> 1639

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cagagacttc	cgcttcctct	catgtcctaa	tttttatctc	ccttttgact	tctagcttct	300
ctaagtattc	ctcatcagaa	agagtttatt	tcttgcatct	cttttatcyg	taatccatta	360
tcatgtctcc	ggaaccctgt	aggctctggg	gtaaggcgtg	agaacattct	ataatattcc	420
agttcaattg	taatctttta	gtagtctggg	tctttgscgt	gtgaccttca	caaacattta	480
ttcttttttt	ttttttgaga	caaagtctca	ccatgttgcc	cagcctggag	tgcaatgggt	540

cgacctcagc	tcaactgcaac	ctccgcctcc	tggttcaa	gattctcctg	cctcagcctc	600
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taaagggggc	tgaagtgaga	ggaatctcct	ccctcacatc	cgttggacaa	ggtcctgata	720
aagtatttct	tcataagagt	aggactttta	ttaatggaga	gggctctggg	tatattgctt	780
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ctcttattat	tttaagtttg	gttagatgta	cattatggcc	cagaatgtgg	tttatcttca	960
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cttctgaatt	aaagaagtat	ttttgcacac	ctttaaccct	cagccacntc	tggtttacca	1740
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<210> 1640
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 1640						
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aaaatcaact	cttgtagccc	ctctagtttt	tgtttactta	cttgcttcat	tccccacggg	420
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<210> 1641
 <211> 534
 <212> DNA
 <213> Homo sapiens

<400> 1641						
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cccattcccc	agttcttggc	attggggaga	aaattcttac	ttttgctatt	tgatttaatc	360
tttaattcta	tctccatgat	tttctgtttt	gttttttttt	tccttaggat	gactgtcttt	420
tgaaggtttg	gtataatgta	gaaaactggc	ggacagctgt	tacttctcca	gatggaagtt	480
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<210> 1642
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE

<222> (383)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (925)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (948)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (976)
<223> n equals a,t,g, or c

<400> 1642
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tgatcctcac acacagtggg ctgaagttaa aaaaagcaga gtcacagtg gttcacaatt 180
tacattataa ttgtaattta ttatttgcg gtatagttaa attagttaa gctttgtttg 240
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ttggaaaaaa tatattctga acaactttt cttaatgcta gcatccctgg tgttgtggca 360
cttttcagaa taaaccctag canggtcaag atgattggca ttagccttct tctttaatca 420
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cagagatcta aatatttttt ccagatttac attcaatgac ctttgtataa cagatatttc 660
tattatatca agtactgtgt tatctacttg gaaatattgt cctatcttaa ctttgccact 720
tgtcaattaa ttaatatcat tgccatttga ggagtggagg aatttcagag tggcttagtg 780
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<210> 1643
<211> 1665
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (1004)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1010)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1122)
<223> n equals a,t,g, or c

<400> 1643
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gttgcaaaaca cttctagcct tattattcac atacctctca tgaagtttct tgggtcttga 120
ctctttctat tgctaccggt tacaacttat gaaaatatta catattgaca tggcatgagt 180

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aaaatcctac	cacaacagta	ttcaaaccat	atgttaatgg	ctcaaaacat	ctgtagtact	1380
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<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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 <212> DNA
 <213> Homo sapiens

<220>
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<213> Homo sapiens

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<213> Homo sapiens

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<210> 1655
 <211> 177
 <212> DNA
 <213> Homo sapiens

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<210> 1656
 <211> 1014
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (930)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (949)
 <223> n equals a,t,g, or c

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 <212> DNA
 <213> Homo sapiens

<220>

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 <212> DNA
 <213> Homo sapiens

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<210> 1664
 <211> 817
 <212> DNA
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<210> 1670
 <211> 1092
 <212> DNA
 <213> Homo sapiens

<400> 1670						
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 <212> DNA
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>
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 <222> (823)
 <223> n equals a,t,g, or c

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<210> 1688

<211> 636

<212> DNA

<213> Homo sapiens

<400> 1688

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aacctgggag	gcggagggtt	ctgtgagacg	agatcgcgcc	attgcactcc	agcctgggca	600
acaagagcga	aactccatct	caaaaaaaaaa	aaaaaa			636

<210> 1689

<211> 1132

<212> DNA

<213> Homo sapiens

<400> 1689

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tgttttttgc	attgctgaca	tttcctcctt	ccagctctat	cagggaagg	aattgatcat	180
ttggataaga	aacaaaaaaa	agtctctctc	tgcttactg	tgtctcttat	gtgtggtgct	240
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<210> 1690

<211> 1062

<212> DNA

<213> Homo sapiens

<400> 1690

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accctgagct	tctctctctc	tctttctcct	gctgatattt	tgctgccct	aacaatcatt	480
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gaggggtctg	caggggagac	taaagattcc	cagcattaaa	ggcaactgct	atctatcaag	600
gatattcatc	catctaacgg	gggtaataat	ttatcctaga	ctgttgctaa	ggctgagtta	660
atatagtctg	agtgtactat	caaggttaat	ggcaccacc	tgagttcaaa	tctttgcaca	720
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<210> 1691

<211> 675

<212> DNA

<213> Homo sapiens

<400> 1691

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taagtgggtga	tgggagtctg	cttttgagct	tcacttatgc	attggcaaat	acagttaatt	180
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tactgccttt	caggcccat	aatgtgcctt	tgtatcctct	aacatgtctg	gaatttcgt	300
aggctgtgct	ggggcaggga	aaggagattt	tctttgtcac	aacaaacaag	gggaaagctt	360
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gattagtggg	ctctgtgcaa	ttatgaaaca	acaaaataag	gcacatgtgc	atgttgcaaa	660
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<210> 1692

<211> 835

<212> DNA

<213> Homo sapiens

<400> 1692

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Figure 10 shows the results of the sensitivity analysis. The results indicate that the model is most sensitive to the input parameters α and β , which represent the rate of infection and the rate of recovery, respectively. The model is also sensitive to the input parameter γ , which represents the rate of death. The results show that the model is less sensitive to the input parameters δ and ϵ , which represent the rate of hospitalization and the rate of isolation, respectively. The results also show that the model is less sensitive to the input parameters ζ and η , which represent the rate of treatment and the rate of recovery, respectively. The results indicate that the model is most sensitive to the input parameters α and β , which represent the rate of infection and the rate of recovery, respectively. The model is also sensitive to the input parameter γ , which represents the rate of death. The results show that the model is less sensitive to the input parameters δ and ϵ , which represent the rate of hospitalization and the rate of isolation, respectively. The results also show that the model is less sensitive to the input parameters ζ and η , which represent the rate of treatment and the rate of recovery, respectively.

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 <222> (644)
 <223> n equals a,t,g, or c

<400> 1698

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 <212> DNA
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<400> 1699

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aaccccgctt	ctactaaaaac	tacaaaaaatt	agccaggcat	ggtgggtggac	gctgtgaatc	1020
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aaaaaaaaaa	aaaaaaa					1157

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<210> 1703
<211> 742
<212> DNA
<213> Homo sapiens
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<400>	1703									
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<210> 1704
<211> 303
<212> DNA
<213> Homo sapiens
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cttagtgat	tacactttcg	tattgcttgc	cctgggaaat	atgccagggt	tggctgtgac		180
tagcccaact	tgggttggtta	ggttcactaa	caatccagtc	actgcggcca	gcaggatgga		240
ccatgctgct	tggttagtac	tgatctcagg	ctcatccctg	gaactgagac	tgaggtcagc		300
ccc							303

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<210> 1705
<211> 1162
<212> DNA
<213> Homo sapiens
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<400> 1705
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cgagaccagc	ctggccaaca	tggcgaaacc	ccgtctctac	taaaaatata	gaaattagcc	180
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ttgaacccgg	aaggcggaga	ttgcagtgag	ccaagatcat	gctgcagtac	tccagcctgg	300
gtgacagagt	gagactctgt	ctcaaaaaaa	taaggaaaaa	gaaaaggaag	gaaagagccc	360
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<210> 1706
 <211> 759
 <212> DNA
 <213> Homo sapiens

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ttttttcttt	atttattttg	gcttctgctt	ttcacatgag	gggcttttct	ccaatatctg	360
atgatccttc	attgtccatt	catcttcaca	agtaaggac	caaaatgcta	actggaaatc	420
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catcttcaga	gctacctgat	attttcgatt	cctgatcctt	tctgaagcct	acctgagtct	660
tctgaggttc	tgtggaataa	attagtttgc	tccttggccc	taccctaact	ccacacacac	720
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<210> 1707
 <211> 933
 <212> DNA
 <213> Homo sapiens

<400> 1707						
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tgggggtttg	aagtactggc	tagaagctgg	cgggggtgtg	gtgtgcagg	gtgagagtgc	180
atgtgcaacg	tgtgcgtgca	agtgtgagtc	tgcacttctg	tgcaagagaa	tgtgtgtgtg	240
tgtgtgtttg	gagatttgga	cttgaaaatt	ctagctcagg	tctttggggg	agtgtttgac	300
ctgaactctg	aaaggcaagg	gtcccagact	ttcctgggat	gatgggaact	gggcacccca	360
atgagctcgg	ttgtgagtag	acgggggtgg	ccaccgaaga	gaagacagag	tgggcctgta	420
gggccagccc	gaggtaccca	cagtggaggg	tctacaggct	gatttgggag	gtgggtgggtt	480
atacctgtag	tcaccttcta	tcttagttag	gaattcacct	tcacacttcc	agaaactgcc	540
aagaagaatg	ccgccgtc	ggtttatctg	gtagaataag	ctgtttgaac	aaagatctgg	600
aggttgcaca	atcctgtgtc	attctggatt	tatcttgggg	tcgggagtc	acgatacttc	660
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933

<400> 1708						
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gaaatgattc	agacctctct	ctactccctc	ttactttctt	tctgtttata	tcactgtcaa	240
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tgtatgaatt	tctttaagaa	gtgggaatac	ttctcctttc	ctcagttttt	tcctattttat	360
ggtcattgca	gtaattttcta	tcatcctttg	cagctttgaa	atcacttctt	cacatgtaaa	420
cagctcaccc	tgggtgttgc	atggagattt	atatcaatgc	catgagccag	ggcctaaatt	480
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ccatgactaa	tctcacgggt	tggcgatgcg	tggaaattcat	gaatgctaga	aacctcatcat	600
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<400>	1709						
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taactcacac	aactgagctg	ttgttagtta	ggatctacgg	ccacagaaat	agtatgtctg		180
aaataaacat	aaatatgagt	aaaatccagg	cataccccct	aaatcatgcc	cttcactttc		240
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<220>
<221> SITE
<222> (616)
<223> n equals a,t,g, or c
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<400>	1710						
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tttggtatgc	ctgatacatt	tcataataat	tttaaaaagg	acaagactac	tgcagagaaa		180
tgacatagag	gagctctgtt	cgggttttta	aaatgattcc	tacatctatg	cttcgagatg		240
taagcacacg	ccttggaaaa	cattgtcaagg	gattcttagt	aggcccaagc	tttgggaaag		300
ggccaagggg	gctggggagt	tgattaggag	gggatacatg	ctttttcctg	ctgccttttg		360
aattttgtac	cacacgtagt	attacttatt	aattaaaaaa	taatctgaac	tagccaggcg		420
tggtggcaca	tacctagtct	cagttacttg	gaaggctgag	gcaggaggat	cacttgagcc		480
cagggtggtg	cggccagcct	gggcaacata	gtgagaccct	gtctctttag	aaaaaacagg		540
ccaggcatgc	tggctcacac	ctgtaatccc	agcattttgg	gaggctgagg	tgggtggatc		600
acctgaggtc	ggggagntcga	g					621

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<210> 1711
<211> 1611
<212> DNA
<213> Homo sapiens
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<400> 1711
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atcgctttat gttcaaaagt gtgtgtgtgt gtgaatgcat atgtctgtgt acacacatat      180
gtagtattta tgcctggcat gtatacaata tgggtccata tatgcaactg agcaggattt      240
ttagaacatc tgatgacctt gtcatttcaa gaactgtggc cacagattga gaaataaagc      300
accctttcag tagtctgagt atttctcaac aaaagtagag acttgcccat ccttagtcac      360
ttctatggga ggagtggcct ctcatTTTTat gcttttatag ggacgtctat tcccagccca      420
tagtttatga gcaacattct stcagcaggc wkgaatagtg gctcsctata attaatcccc      480
ttcttgtctc cccacctctg agagtggaaa ataaaagggc attaaagggg atgtagttac      540
aaccacaaaa gggaccacat aaaatgtcac cttttggctc aacacattgt tcccttcgtg      600
actcctagtc ctgaatttcc atctcacagg gcaggcagag tgtattgtca gctgagaccc      660
aagagagaca cattggcagt caatctgcat gatatggtag gggattagtg taaaacttta      720
ctgaaagtta agatctgtgt caaaggTTTT tccttgtcct atgtgcatta catggaagac      780
agaagaaaac aaggaaaaga gatgaattgc tgttgcaatt taaagtatgg gggcagagag      840
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atztatcttc ccatgcataa ttataaaagc acattcacat catgcaaatt catcctcaca     1140
aactcaaca ttcaattaag ataagcatgc actcttgttt ccttttgcac aacttttgca     1200
agttgaatgg ctggtttggg tagattcaat ccagtgttct ttccattaga gcagctgcca     1260
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cttttttgtt tcttttaaaa agaggacaag ccaggcacgg tggctcacgc ttgtaatccc     1560
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<210> 1712
<211> 1267
<212> DNA
<213> Homo sapiens

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<400> 1712
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cctgtgaagt cttccctgac tccccagca gaattaactg cccctctctt tgggcttctg      180
gctccactca gtttgtcaca ggcctgatga gcaaggatat cttgatgaag gtgataactg      240
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gggaaggata gggagtggag gttcacagtc cattccaagg ctgtatgtca agatgacagg      420
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ctctattctt ctgtttcctc ttttttcccc cttaatttac attttttgtg ggggggcagg      660
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cctcccaccc caggcttcca agtagctgag actacaggca cctgccacca ccccggtg      780
gtttcctcat ctttgaaaaca ggaagaaaaa caatagcaac cactgttggg gttttaggag      840
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ggggaatgga ataggaatct cctcctgtcc ttgaaaatat gagaagcaaa aataagtgat     1200
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aaagtat                                           1267

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<210> 1713
<211> 1341

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<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (872)
<223> n equals a,t,g, or c

<400> 1713
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tgccactctg ttttttgacc agggcattta gctcatttac atttaagggt agcattgtta 180
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ggttgcctca tagtgtaact tgtctgtgta cttcagtggtg tttttgttgt ggctggtaat 300
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tgatgaattt cctcatcatt tgcttgtctg aaaagggtct tatttctcat tcgcttttga 420
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atattggccc ccagtttctt ctggcctgta gggtttctgc tgagagggtcc actgttagtc 540
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agttggcagt ggagtgcac aagcaccct atggctactg ccactagggc ggcactacat 1260
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tactgcctat atttgctcga g 1341

<210> 1714
<211> 372
<212> DNA
<213> Homo sapiens

<400> 1714
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gcagggtccca ctgttgacaga ctgcctgtct tcaccagcta ctgggcatcg tctgactcag 120
cttgggaggg ccgaagtga tggtcatcag attgagcaac tgggcaccaa catgtgtttc 180
ctgagggcct gctggtggcc agctctgtgc ttgaccatac agcaggaggg actggaaaag 240
gggacaatac agtgccctgtg cttggggagc tctgggaaca aaagcccacc cattaataag 300
tataataccc ccagggtgtt ctggcagggg agatgggaaa agtagccatt ttgaaaaaca 360
gccagctggg gg 372

<210> 1715
<211> 745
<212> DNA
<213> Homo sapiens

<400> 1715
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ttggaatgtg atccccattg ttggagctgg ggcctaattg gaagtattgg ttcattgggg 180
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aaggcctcac caggaacagg tgccagcacc atgcttctct catagttgtt cactcttatt 420
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<210> 1716
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 1716						
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gcgctgcacc	cactgtcctg	cacgcactgt	ccaacactcc	ccagtgaaat	gaaccgggta	420
cctcgggttg	aaatgtagaa	atcaccggtc	ttctgtgtcg	ctcacgctgg	gagctgtaga	480
ctggagctgt	tcctgtttgg	ccatcttggc	tccaccccca	tttgtgtgct	atttatggta	540
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aaagtatagt	cacatcacaa	tagggctata	taaattaaca	accatatttc	agaagcactt	780
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cgcaatctca	gctcaccaca	atctctgact	tccagattca	agtgattctc	atgcgccagc	1140
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ccg						1203

<210> 1717
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (598)
 <223> n equals a,t,g, or c

<400> 1717						
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gtaactggga	catgggcttg	ggttcagga	ggccacgtgg	ctcctgacac	agccttaagg	180
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gacttatttt	tcactgtgat	cttttcgaac	catttgaatg	tattatacct	tgtgtgtttt	300
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aaaacagaga	ccactgagtc	tgagtcagg	ttggccctc	ccggtgtaac	cttgatgcaa	420
cattgagcag	gcctgagctg	gggtgacctc	actgacagct	aggagaggaa	tgagactctc	480
ctctgggtca	ctcgggtggt	gggggtgagct	gggggtggcct	cactgaccgc	taggagagga	540
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tgacatatct	ggctcaggaa	gccagggtaa	atttcagcct	taaaggagaa	aggctcgtgt	660
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ac						722

<210> 1718
 <211> 252

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<212> DNA
<213> Homo sapiens
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<210> 1720
<211> 1347
<212> DNA
<213> Homo sapiens
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985

<212> DNA
<213> Homo sapiens

<400> 1723
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gtacagtgtc taggccacct gggggagagt aagagtggga tacgtgagga tgtggagtct 180
gttgcatttc tgtctgtctg tggcatcctt cttgtcttgt tttgagttgc tcgcctctgt 240
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<210> 1724
<211> 1375
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (825)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (1346)
<223> n equals a,t,g, or c

<400> 1724
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<210> 1725
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1725
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gtttaagtaa acaacagaac aagcattcat atgagacaac tgacacaaac ctgaggggaga 120

cactagggag	tggaggggac	tgtggtgcac	tagagaccgt	gtatcccttc	ttaaggggaa	180
ccgtcccttc	tcagctcagc	tgactgttgc	cttggaggaa	ggcggagctg	gtatttctgg	240
atcttcctat	ttttcaaagg	aagttaaaca	tctggtgttt	tatgtgaaat	ctttccattt	300
tctaataatta	cctgttttgt	cgctgtgc				328

<210> 1726
 <211> 649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (567)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (588)
 <223> n equals a,t,g, or c

<400> 1726						
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agagtcattt	ggggcacacc	tcagcacagg	gcccagtaca	taggaagccc	ggggatgtta	180
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tggggccgga	atcctccccc	atggctcctc	tttgccaggg	accctgtgcg	agccccatgc	300
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gggccagggc	ttatgcagtc	gggtaatggg	ctggaggcgg	gccttaggggt	ggaagtcagt	480
gtttctgtcc	cctgytgag	caagagcagg	ataggacatc	aggccccccc	ccccccaatt	540
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<210> 1727
 <211> 1521
 <212> DNA
 <213> Homo sapiens

<400> 1727						
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gtcaggaaac	tgaattgaa	atgaattatc	catggctaaa	tgcattatcc	atggctacca	300
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cataggtgaa	tatcagcatg	tgccgcttgt	gttaaattgcg	ctggacacaa	gaaccagaca	240
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caaccccggc	ttggggctca	ctggaagaga	caggccacct	acctccctga	ccactgggtg	1080
atataaaatg	tgattagaca	agaaccaaga	ggcagaaggt	tctgggaggg	acaatgcctt	1140
ttagctggag	cagtcaggag	agcgtcacag	gaggtagcat	ctgtgccagg	ccctgaagcc	1200
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<210> 1736

<211> 859

<212> DNA

<213> Homo sapiens

<400> 1736

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ggcagggtta	cttaatatct	ctgcctcaca	acattttccg	tatctctaaa	atgggggtgt	180
tcaacaagaa	atatactcaa	gtttaacatg	gcaacaatgt	tcacccaaat	cactaccagt	240
atcgtctttg	gtctgtctct	ggcattgcct	atttcaacac	gggcatgac	aatgtgcatg	300
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aatacaaaag	agtttggaa	ttattgttaa	taacataata	ttcacttcca	aaaacaggta	420
agcaatttag	atctaatact	gggtgaaaaa	acctaactat	gggctttata	cattgaagat	480
gcacccctta	gttgaatatt	atgacagaaa	aatgttatca	atgctgacat	taaaaactgt	540
tattatgtgc	caattattag	gaaattttta	ataatttaac	aggataagat	taatagttaa	600
accgaacact	aagaaagaga	gtattagcta	cttgacgaag	aacattgtat	attttttgag	660
actatgaatt	tttataaaat	gtcaaataat	acaaagcaaa	ataactactaa	aatgagatat	720
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<210> 1737

<211> 1516

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1025)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1144)

<223> n equals a,t,g, or c

<400> 1737

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atgatggagg	atggattctg	actttccaac	tacaaaaata	atgatgcttt	tagcatcaat	180

acctgcatta	ctccagggag	ttgtaaatat	acttttacaga	cacaggctgg	gcctttccaa	240
ctttttacct	cagtgtctct	tgaactcctt	aaaggggagt	aatgttggcc	ccaatttgca	300
cactgagaaa	ctgaggcaga	agaaatctaa	gcaatttgtc	ccatgccacc	agataactta	360
taagtgaagt	caagaataga	acaaactgaa	actgaatgct	tccatgacac	aggagcatct	420
gccatctgga	atagttcctt	ctttttctct	agttgatctc	tttcttttct	gcttttatct	480
ttcattttct	gattcattaa	ctcttagctc	ttgtcaatga	attgaggcca	gtgtgagtgt	540
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gaaaacaata	ttctttcatc	ctaacctatt	ttgtwcttgc	agaaacacta	ctgtaaagta	720
cagatgtctc	ttgacttaca	atacagttat	atcctgacga	accatcataa	gttgaaaata	780
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aagcctawtt	tattatatgg	tgttgaatat	ttcatgtaat	ttattgaata	ctgtatagaa	960
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ctttngcatc	gtcatgaagt	tgagaaagtc	tacgttggaa	tctacagctt	gtgtaaacca	1080
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<210> 1738
 <211> 508
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (255)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (473)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (502)
 <223> n equals a,t,g, or c

<400> 1738						
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caagtctcac	tcttttgccc	aggctgaagt	gcagtagtgt	gatctcagct	cactgcaacc	420
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<210> 1739
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 1739

<211> 610
 <212> DNA
 <213> Homo sapiens

<400> 1744
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 gtatgcctga tacatttcat aataatttta aaaaggacaa gactactgca gagaaatgca 180
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 aagggggctg gggagttagt taggagggga tacatgcttt ttcctgctgc cttttgaatt 360
 ttgtaccaca cgtagtatta cttattaatt aaaaaataat ctgaactagc caggcggtgt 420
 ggcacatacc tagtctcagt tacttgggaag gctgaggcag gaggatcact tgagcccagg 480
 tggttgcggc cagcctgggc aacatagtg gacctgtct ctttagaaaa aacaggccag 540
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<210> 1745
 <211> 695
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (2)
 <223> n equals a,t,g, or c

<220>
 <221> SITE
 <222> (25)
 <223> n equals a,t,g, or c

<400> 1745
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 ctctcccttt tctcttttct gtcagagaat agcaggggtt gtggaggaaa gctgaattct 480
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 gctttttttt gtaagtgtaa tgtggttaga tataaagtat ccaaaattta gacagatctc 600
 aaaatccaaa atttttttt tccctcaaag ccatgcttaa gtttactcag aataaccaca 660
 gcatttttct gaggtctctg aaataccttc tcgag 695

<210> 1746
 <211> 568
 <212> DNA
 <213> Homo sapiens

<400> 1746
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<212> DNA
<213> Homo sapiens

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<210> 1748
<211> 1138
<212> DNA
<213> Homo sapiens

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<210> 1749
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<212> DNA
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<223> n equals a,t,g, or c

<223> n equals a,t,g, or c

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<213> Homo sapiens

<223> n equals a,t,g, or c

<223> n equals a,t,g, or c

<222> (1625)

[illegible]

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1000